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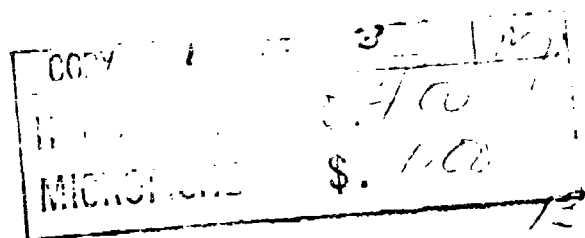
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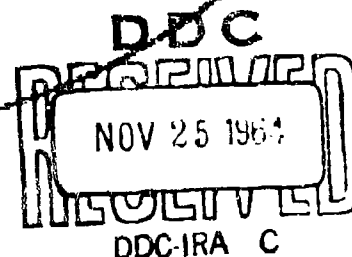
TG-451A
September 1964
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SUPPLEMENT TO
MARCUM'S AND
SWERLING'S
DATA ON...

TARGET DETECTION BY PULSED RADAR

BY
L. F. Fehner



Introduction

✓
Ad-600 151
This report is a supplement to ~~APL/JHU report TG-451~~,
entitled, 'Marcum's and Swerling's Data on Target Detection by
a Pulsed Radar.' In ~~TG-451~~, graphed data are presented which
were obtained by high speed digital calculations based on the
statistical analyses of Marcum and Swerling. Although these
graphs are sufficient for many applications of the computed
data, there are some applications which require a better
definition of the data so that the limited resolution of the
graphs can be avoided. For example, in documenting the per-
formance of a proposed radar, it would be advantageous to
specify that such documentation be standardized and based on
tabulated data rather than on graphed data. Graphs introduce
the variabilities of both the plotter and the reader.

✓
To accommodate those who have need for precise analytic
data on radar target detection, the data which were plotted
in ~~TG-451~~ are presented here in tabulated form; and in addi-
tion, data are presented for 6000 pulses integrated inco-
herently. Data could be computed for still large numbers of
integrated pulses but not without a significant modification
of the original computational program and a careful considera-
tion of the storage capacity of the computing machine. At the
present time, the need for data above 3000 integrations is not
great; however, the availability of data for 6000 permits
better interpolation for intermediate values. For additional
details refer to TG 451.

The labels used for parameters and column headings in the tables below are largely self-explanatory. However, to avoid ambiguous interpretation, the following definitions are given.

<u>Label</u>	<u>Discussion</u>	<u>Marcum's and/or Swerling's Symbol</u>
PULSES INTEGRATED INCOHERENTLY	The integration of pulses of reradiated electromagnetic energy with random relative phase.	N
FALSE ALARM NUMBER	The number of opportunities for a false alarm in the false alarm time.	n'
BIAS ON ROOT MEAN SQUARE NOISE	The factor by which root mean square noise is multiplied to obtain a threshold value of signal voltage level.	Y_b
SIGNAL TO NOISE RATIO	The signal to noise power ratio at the input to the radar receiver.	x (Marcum) x, \bar{x} (Swerling)
SIGNAL TO NOISE RATIO DB	The ratio in decibels rounded to integers. The calculation was actually performed for the values tabulated for SIGNAL TO NOISE RATIO	-
NORMALIZED RANGE	The ratio of the actual range to a target to the range for which the signal to noise ratio is 1.	R \bar{R}_o
DET. PROB.	The probability that the voltage level of incoherently integrated pulses exceeds the threshold. False alarms are not distinguishable from reports of real targets. From the computational point of view, the tabulated values are correct to at least 6 decimal places.	P_N (Marcum) P_D (Swerling)

NON- FLUCTUATING TARGET	A target of constant radar cross section as observed at the radar.	σ corresponding to x
FLUCTUATING TARGET	A target which varies in radar cross section as observed at the radar.	σ corresponding to \bar{x}
CASE 1	Scan to scan fluctuations according to the probab- ility density function	-
	$w(x, \bar{x}) = \frac{1}{\bar{x}} \exp \left(-\frac{x}{\bar{x}} \right); x = 0.$	
CASE 2	Same as CASE 1 except pulse to pulse fluctuations in- stead of scan to scan.	-
CASE 3	Scan to scan fluctuations according to the probability density function	-
	$w(x, \bar{x}) = \frac{4x}{\bar{x}^2} \exp \left(-\frac{2x}{\bar{x}} \right); x = 0.$	
CASE 4	Same as CASE 3 except pulse to pulse fluctuations instead of scan to scan.	-

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PULSES INTEGRATED INCOHERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 2.703561

SIGNAL TC ACISE RATIC	SIGNAL TC ACISE RATIC	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET
3.981C7	6	C.7C755	0.757C5462	0.58113752	C.58113752	0.64859294	0.64859294
5.01187	7	C.66834	0.84824296	C.63781664	C.63781664	0.71740194	0.71740194
6.3C558	8	C.63C96	C.91978343	C.69C82662	C.69C82662	0.77943099	0.77943099
7.94329	9	C.55566	C.96607695	C.73911536	C.73911536	0.83273607	0.83273607
1C.0C0C0	10	C.56234	C.58942927	C.782C9528	C.782C9528	C.87653343	C.87653343
12.58926	11	C.53C88	C.99772751	C.91959166	C.91959166	0.91107357	0.91107357
15.84854	12	C.50115	0.95970965	C.85175259	C.85175259	0.93733526	0.93733526
15.95263	13	0.47315	C.55998C93	C.87894556	C.87894556	0.95667465	0.95667465
25.11887	14	C.44658	C.50166694	C.90166694	C.90166694	0.97053075	0.97053075
31.62279	15	C.4217C	C.52C46753	0.92C46753	0.92C46753	0.98023017	0.98023017
35.81C73	16	C.39811	0.5459C017	C.9359C017	C.9359C017	0.98688912	0.98688912
5C.11874	17	C.37584	0.54848627	0.94848627	0.94848627	0.99138764	0.99138764
63.09575	18	C.35481	0.55869703	0.95869703	0.95869703	0.99438674	0.99438674
75.43284	19	C.33497	C.56694592	C.96694592	C.96694592	0.99765742	0.99765742
1CC.CCC01	20	C.31623	C.57358711	C.97358711	C.97358711	0.99849727	0.99849727
125.85255	21	C.25854	C.57891942	C.97891942	C.97891942	0.999C3906	0.999C3906
158.68532	22	C.28184	0.58319148	C.98319148	C.98319148	0.99938718	0.99938718
195.52623	23	C.28184	0.58660813	0.98660813	0.98660813	0.99961004	0.99961004
251.18863	24	C.25115	0.58933685	C.98933685	C.98933685	0.99975277	0.99975277
316.22773	25	C.27714	C.59151374	C.99151374	C.99151374	0.99984236	0.99984236
398.1C711	26	C.22387	C.59324887	C.99324887	C.99324887	0.99990042	0.99990042
501.18714	27	C.21135	C.59463089	C.99463089	C.99463089		
63C.55719	28	C.19953	0.595731C6	C.995731C6	C.995731C6		
75C.328C1	29	C.1883C	0.596C0647	C.996C0647	C.996C0647		
995.55567	30	C.17783	0.5973C279	C.9973C279	C.9973C279		
1258.92454	31	C.16788	C.59785650	C.99785650	C.99785650		
1584.85253	32	C.15849	C.59829669	C.99829669	C.99829669		
1595.26140	33	C.14562	C.5986466C	C.9986466C	C.9986466C		
2511.88516	34	C.14125	0.59892470	C.99892470	C.99892470		
2162.27573	35	C.13335	C.59914570	C.99914570	C.99914570		
2981.C6512	36	C.12585	C.59932130	C.99932130	C.99932130		
5C11.86854	37	C.11885	0.59946C83	C.99946C83	C.99946C83		
63C5.56675	38	C.1122C	0.59957168	C.99957168	C.99957168		
7943.27C12	39	C.1C593	C.59965975	C.99965975	C.99965975		
5995.5511C	40	C.1C0CC	0.59972971	C.99972971	C.99972971		
12585.	41	C.05441	0.59978529	C.99978529	C.99978529		

PULSES INTEGRATED INCORPORATELY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 2.703567

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
15845.	42	C-C8513		0.59982946	0.99982946		
15953.	43	C-C8414		C-59986452	C-99986452		
25119.	44	C-C7943		0.59989238	C-99989238		
31623.	45	C-C7455		0.59991451	0.99991451		

PULSES INTEGRATED INCOHERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 1.274627

SIGNAL FC NOISE RATIO	SIGNAL FC NOISE RATIO CH	NORMALIZED RANGE	DET. PRCB- NON- FLUCTUATING TARGET	DET. PRCH- FLUCTUATING TARGET CASE 1	DET. PRCH- FLUCTUATING TARGET CASE 2	DET. PRCH- FLUCTUATING TARGET CASE 3	DET. PRCH- FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	C-00069795	C-00069795	C-00069795	C-00069795	C-00069795
C-00126	-29	5.30884	C-00069926	C-00069926	C-00069926	C-00069926	C-00069926
C-00158	-28	5.01187	C-00070091	C-00070091	C-00070091	C-00070091	C-00070091
C-00200	-27	4.73151	C-00070301	C-00070301	C-00070301	C-00070301	C-00070301
C-00251	-26	4.46684	C-00070561	C-00070561	C-00070561	C-00070561	C-00070561
C-00316	-25	4.21696	C-00070891	C-00070891	C-00070891	C-00070891	C-00070891
C-00358	-24	3.98107	C-00071307	C-00071317	C-00071317	C-00071312	C-00071312
C-00501	-23	3.75837	C-00071833	C-00071850	C-00071850	C-00071841	C-00071841
C-00631	-22	3.54813	C-00072457	C-00072523	C-00072523	C-00072510	C-00072511
C-00754	-21	3.34565	C-00073336	C-00073378	C-00073378	C-00073357	C-00073357
C-01000	-20	3.16229	C-00074397	C-00074464	C-00074464	C-00074431	C-00074441
C-01259	-19	2.98538	C-00075742	C-00075848	C-00075848	C-00075795	C-00075794
C-01585	-18	2.81838	C-00077447	C-00077617	C-00077617	C-00077531	C-00077531
C-01595	-17	2.66072	C-00079614	C-00079886	C-00079886	C-00079749	C-00079749
C-02512	-16	2.51185	C-00082371	C-00082809	C-00082809	C-00082590	C-00082591
C-03162	-15	2.37137	C-00085504	C-00086599	C-00086599	C-00086246	C-00086247
C-03581	-14	2.23872	C-00090424	C-00091544	C-00091544	C-00090977	C-00090977
C-05012	-13	2.11349	C-00096250	C-00098051	C-00098051	C-00097137	C-00097137
C-06310	-12	1.99526	C-00103793	C-00106703	C-00106703	C-00105222	C-00105222
C-07943	-11	1.88365	C-00111630	C-00118347	C-00118347	C-00115937	C-00115938
C-10000	-10	1.77828	C-00126556	C-00134239	C-00134239	C-00130298	C-00130298
C-12589	-9	1.67880	C-00143705	C-00155290	C-00156290	C-00149804	C-00149804
C-15845	-8	1.58485	C-00166718	C-00174451	C-00187451	C-00176712	C-00176713
C-15953	-7	1.49624	C-00198004	C-00232372	C-00232372	C-00214434	C-00214434
C-25119	-6	1.41254	C-00241183	C-00298495	C-00298495	C-00268537	C-00268537
C-31623	-5	1.33352	C-00301792	C-00397840	C-00397840	C-00347498	C-00347499
C-35811	-4	1.25893	C-00368470	C-00549895	C-00549895	C-00465298	C-00465298
C-50119	-3	1.18850	C-00514544	C-00786041	C-00786041	C-00644634	C-00644635
C-63056	-2	1.12202	C-00703402	C-01155842	C-01155842	C-00922532	C-00922532
C-75433	-1	1.05525	C-00950242	C-01734877	C-01734877	C-01359006	C-01359006
C-00000	C	1.00000	C-01435824	C-02632298	C-02632298	C-02048871	C-02048872
C-25853	1	0.94406	C-02140778	C-03993940	C-03993940	C-03136366	C-03136366
C-58489	2	0.85125	C-03272294	C-05994759	C-05994759	C-04527131	C-04527132
C-55526	3	0.84140	C-05143600	C-08815043	C-08815043	C-07387607	C-07387607
C-51129	4	0.79433	C-08065113	C-12600554	C-12600554	C-11116627	C-11116627
C-31628	5	0.74585	C-12789056	C-17416521	C-17416521	C-16277736	C-16277736

PULSES INTEGRATED INCOMEONLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 7.274627

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO CR	NORMALIZED RANGE	DET. PRCB. ACN- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
3.98107	6	C.70795	C.20089970	C.23213093	C.23213093	C.22199322	C.2249932
5.01187	7	C.66834	C.30761638	C.29818443	C.29818443	C.31178725	C.31178725
6.30558	8	C.63056	C.45046984	C.36964257	C.36964257	C.40443864	C.40443864
7.94329	9	C.59566	C.61834528	C.44334025	C.44334025	C.50207826	C.50207826
10.00000	10	C.56234	C.78229437	C.51616463	C.51616463	C.59402252	C.59402252
12.58926	11	C.53088	C.90632473	C.58548082	C.58548082	C.68633626	C.68633626
15.84854	12	C.50115	C.97281310	C.64936791	C.64936791	C.76291825	C.76291825
19.95263	13	C.47315	C.99539626	C.70668823	C.70668823	C.82591026	C.82591026
25.11887	14	C.44668	C.9962249	C.75690317	C.75690317	C.87539414	C.87539414
31.62279	15	C.42170	C.99588819	C.80012108	C.80012108	C.91276737	C.91276737
39.81073	16	C.39811		C.83673087	C.83673087	C.94007208	C.94007208
50.11874	17	C.37584		C.86735371	C.86735371	C.95947859	C.95947859
63.09575	18	C.35481		C.89270756	C.89270756	C.97295861	C.97295861
79.43284	19	C.33497		C.91352545	C.91352545	C.98214875	C.98214875
100.00001	20	C.31623		C.93050671	C.93050671	C.98831945	C.98831945
129.85255	21	C.29854		C.94428332	C.94428332	C.99241187	C.99241187
158.48522	22	C.28184		C.95541260	C.95541260	C.99509905	C.99509905
199.52623	23	C.26607		C.96437247	C.96437247	C.99684942	C.99684942
251.18863	24	C.25115		C.97156611	C.97156611	C.99798211	C.99798211
316.22773	25	C.23714		C.97732908	C.97732908	C.99871168	C.99871168
358.10711	26	C.22387		C.98193787	C.98193787	C.99947831	C.99947831
501.18714	27	C.21135		C.98561853	C.98561853	C.99997531	C.99997531
630.95719	28	C.19553		C.98855475	C.98855475	C.99996844	C.99996844
794.32501	29	C.18836		C.99089502	C.99089502	C.99979006	C.99979006
999.95567	30	C.17783		C.99275899	C.99275899	C.99986704	C.99986704
1298.92454	31	C.16783		C.99424279	C.99424279	C.99991515	C.99991515
1584.89253	32	C.15845		C.99542342	C.99542342		
1999.26140	33	C.14962		C.99636251	C.99636251		
2511.88516	34	C.14125		C.99710926	C.99710926		
3162.27573	35	C.13335		C.99770254	C.99770254		
3981.06512	36	C.12589		C.99817483	C.99817483		
5011.86684	37	C.11885		C.99854986	C.99854986		
6305.56879	38	C.11220		C.99884790	C.99884790		
7943.27612	39	C.10593		C.99908473	C.99908473		
9999.99170	40	C.10000		C.99927288	C.99927288		
12569.	41	C.09441		C.99942237	C.99942237		

PULSES INTEGRATED INCOHERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON RECT MEAN SQUARE NOISE = 7.274627

SIGNAL IC NOISE RATIO	SIGNAL IC NOISE RATIO CH	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
15845.	42	C.C8513	0.59954115	0.59954115	C.97954115		
19553.	43	C.C8414	0.59963550	C.99963550	C.99963550		
25115.	44	C.C7543	0.59971046	C.99971046	C.99971046		
31623.	45	C.C7459	C.59977000	C.99977000	C.99977000		
35811.	46	C.C7075	C.59981730	C.99981730	C.99981730		
50115.	47	C.C6683	0.59985488	C.99985488	C.99985488		
63056.	48	C.C631C	0.59988472	C.99988472	C.99988472		
79433.	49	C.C5557	0.59990843	C.99990843	C.99990843		

PULSES INTEGRATED INCOHERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON RCCT MEAN SQUARE NOISE = 14.1d2032

SIGNAL IC NOISE RATIO	SIGNAL IC NOISE RATIO dB	NORMALIZED RANGE	DET. PROC. ACQ- FLUCTUATING TARGET	DET. PROC. FLUCTUATING TARGET CASE 1	DET. PROC. FLUCTUATING TARGET CASE 2	DET. PROC. FLUCTUATING TARGET CASE 3	DET. PROC. FLUCTUATING TARGET CASE 4
C-1CCCC	-10	1.77828	C-CCCC0201	C-CCCC0251	C-00000251	C-00000251	C-00000251
C-12589	-9	1.67880	C-00000248	C-CCCC033H	C-0000033H	C-00000267	C-00000267
C-15849	-8	1.58489	C-00000315	C-00000482	C-00000482	C-00000345	C-00000345
C-19553	-7	1.49624	C-00000414	C-00000733	C-00000733	C-00000345	C-00000345
C-25119	-6	1.41254	C-00000565	C-00001194	C-00001194	C-00000811	C-00000811
C-31623	-5	1.33352	C-00000802	C-00002091	C-00002091	C-00001254	C-00001254
C-39811	-4	1.25893	C-00001188	C-00003932	C-00003932	C-00002163	C-00002163
C-50119	-3	1.18850	C-00001843	C-00007891	C-00007891	C-00003888	C-00003888
C-63056	-2	1.12202	C-00002957	C-00016733	C-00016733	C-00007425	C-00007425
C-75423	-1	1.05925	C-00005129	C-00036933	C-00036933	C-00015174	C-00015174
C-1CCCC	0	1.00000	C-00009242	C-00083255	C-00083255	C-00032515	C-00032515
C-12589	1	1.94406	C-00017557	C-00127673	C-00127673	C-00072413	C-00072413
C-15849	2	1.89125	C-00035141	C-00414229	C-00414229	C-00164752	C-00164752
C-19553	3	1.84140	C-00073950	C-00878402	C-00878402	C-00375267	C-00375267
C-25119	4	1.75433	C-00162876	C-01762751	C-01762751	C-00837527	C-00837527
C-31623	5	1.74589	C-00372627	C-03313130	C-03313130	C-01794059	C-01794059
C-39811	6	1.70755	C-00875303	C-05800739	C-05800739	C-03623836	C-03623836
C-50119	7	1.66834	C-02076355	C-09451430	C-09451430	C-06212625	C-06212625
C-63056	8	1.63056	C-04862849	C-14367525	C-14367525	C-11827406	C-11827406
C-75423	9	1.59566	C-10915834	C-20478904	C-20478904	C-18171102	C-18171102
C-1CCCC	10	1.56234	C-22644078	C-27547024	C-27547024	C-27937450	C-27937450
C-12589	11	1.53088	C-41657744	C-35217710	C-35217710	C-38318621	C-38318621
C-15849	12	1.50119	C-65398875	C-43096990	C-43096990	C-49210957	C-49210957
C-19553	13	1.47315	C-85944048	C-50820929	C-50820929	C-59730299	C-59730299
C-25119	14	1.44668	C-96737532	C-58101398	C-58101398	C-69176991	C-69176991
C-31623	15	1.42170	C-99856983	C-64744076	C-64744076	C-77145759	C-77145759
C-39811	16	1.39811	C-99987838	C-70644666	C-70644666	C-83520371	C-83520371
C-50119	17	1.37584	C-99959899	C-75772615	C-75772615	C-83963111	C-83963111
C-63056	18	1.35481	C-33497	C-8334842	C-8334842	C-94570597	C-94570597
C-75423	19	1.33623	C-29854	C-86899649	C-86899649	C-96367981	C-96367981
C-1CCCC	20	1.31623	C-26854	C-89425515	C-89425515	C-97597922	C-97597922
C-12589	21	1.29854	C-28184	C-91491735	C-91491735	C-98426042	C-98426042
C-15849	22	1.28184	C-26607	C-93171892	C-93171892	C-98476333	C-98476333
C-19553	23	1.26607	C-25115	C-94531618	C-94531618	C-99338331	C-99338331
C-25119	24	1.25115	C-23714	C-95627843	C-95627843	C-99574372	C-99574372
C-31623	25	1.23714					

PULSES INTEGRATED INCOHERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 14.182032

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PROC. NON- FLUCTUATING TARGET	DET. PROC. FLUCTUATING TARGET CASE 1	DET. PROC. FLUCTUATING TARGET CASE 2	DET. PROC. FLUCTUATING TARGET CASE 3	DET. PROC. FLUCTUATING TARGET CASE 4
358.10655	26	C-22387		C-56508953	C-96508953	0-99727277	0-99727274
501.18693	27	C-21135		0-57215450	C-97215450	0-99925797	0-99825776
630.55693	28	C-19553		0-57780849	C-97780849	C-99889004	0-99889004
794.32768	29	C-18836		C-58232637	C-98232637	C-99929420	0-99929414
999.99526	30	C-17783		C-58593302	C-98593302	C-99955190	0-99955193
1258.92442	31	C-16788		0-58880687	C-98880687	C-99971587	0-99971587
1584.89188	32	C-15845		0-59109726	C-99109726	0-99982002	0-99982002
1995.26056	33	C-14562		C-59292089	C-99292089	0-99988608	0-99988608
2511.88412	34	C-14125		0-59437217	C-99437217	0-99992744	0-99992744
3162.27460	35	C-13335		0-59552670	C-99552670		
3581.06769	36	C-12589		0-59644487	0-93644487		
5011.86707	37	C-11885		0-59717487	C-99717487		
6305.56653	38	C-11220		0-59775518	C-99775518		
7543.27325	39	C-10593		C-59921641	C-99821641		
9995.98816	40	C-10000		C-59858254	0-99858254		
12585.	41	C-09441		0-59887422	C-99887422		
15845.	42	C-08913		0-59910563	C-99910563		
19993.	43	C-08414		C-59928951	C-99928951		
25115.	44	C-07943		C-59943359	C-99943359		
31623.	45	C-07499		C-59955165	C-99955165		
35811.	46	C-07079		C-59964385	C-99964385		
50115.	47	C-06683		0-59971709	C-99971709		
63056.	48	C-06310		C-59977526	C-99977526		
75433.	49	C-05957		0-59982148	C-99982148		
100000.	50	C-05623		0-59985820	C-99985820		
125852.	51	C-05309		0-59988736	C-99988736		
158485.	52	C-05012		0-59991053	C-99991053		

PULSES INTEGRATED INCOHERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON NOCT MEAN SQUARE NOISE = 18.787194

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. ACN- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROP. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C.10000	-10	1.7784	C.00000002	C.00000004	C.00000004	C.00000003	C.00000003
C.12589	-9	1.6780	C.00000003	C.00000005	C.00000005	C.00000004	C.00000004
C.15845	-8	1.5845	C.00000004	C.00000009	C.00000009	C.00000006	C.00000007
C.19953	-7	1.45624	C.00000006	C.00000016	C.00000016	C.00000010	C.00000011
C.25119	-6	1.41254	C.00000009	C.00000030	C.00000030	C.00000016	C.00000016
C.31623	-5	1.33352	C.00000014	C.00000063	C.00000063	C.00000028	C.00000028
C.39811	-4	1.25893	C.00000022	C.00000145	C.00000145	C.00000026	C.00000027
C.50119	-3	1.18850	C.00000037	C.00000367	C.00000367	C.00000119	C.00000120
C.63056	-2	1.12202	C.00000067	C.00000993	C.00000993	C.00000277	C.00000277
C.75433	-1	1.05925	C.00000127	C.000002836	C.000002836	C.00000367	C.00000367
C.10000	0	1.00000	C.00000259	C.000008325	C.000008325	C.000001861	C.000001861
C.12589	1	0.94406	C.00000561	C.000024436	C.000024436	C.000005363	C.000005363
C.15845	2	0.89125	C.00001302	C.000069745	C.000069745	C.000015006	C.000015006
C.19953	3	0.84140	C.00003237	C.000188787	C.000188787	C.000046904	C.000046904
C.25119	4	0.79433	C.00008576	C.000475004	C.000475004	C.000136223	C.000136223
C.31623	5	0.74589	C.00024106	C.001095805	C.001095805	C.000376716	C.000376716
C.39811	6	0.70795	C.00071192	C.002301251	C.002301251	C.000468556	C.000468556
C.50119	7	0.66834	C.000217626	C.004393625	C.004393625	C.002273638	C.002273638
C.63056	8	0.63094	C.00073956	C.007651889	C.007651889	C.00418852	C.00418852
C.75433	9	0.59566	C.002052806	C.012237017	C.012237017	C.009182305	C.009182305
C.10000	10	0.56234	C.05914486	C.018124115	C.018124115	C.013760297	C.013760297
C.12589	11	0.53083	C.013511135	C.025094945	C.025094945	C.02428072	C.02428072
C.15845	12	0.50119	C.039535942	C.032790289	C.032790289	C.034955896	C.034955896
C.19953	13	0.47315	C.06563672	C.040793344	C.040793344	C.046148943	C.046148943
C.25119	14	0.44662	C.084946765	C.048709503	C.048709503	C.057126860	C.057126860
C.31623	15	0.42170	C.07092582	C.056220317	C.056220317	C.067087371	C.067087371
C.39811	16	0.39811	C.095788658	C.063106300	C.063106300	C.075546516	C.075546516
C.50119	17	0.37584	C.09996017	C.09244890	C.09244890	C.082343142	C.082343142
C.63056	18	0.35481	C.035481	C.074593896	C.074593896	C.087558496	C.087558496
C.75433	19	0.33497	C.033497	C.079169722	C.079169722	C.091411874	C.091411874
C.10000	20	0.31623	C.031623	C.083026375	C.083026375	C.094172306	C.094172306
C.12589	21	0.29854	C.029854	C.086238284	C.086238284	C.096100751	C.096100751
C.15845	22	0.28184	C.028184	C.088877339	C.088877339	C.097420891	C.097420891
C.19953	23	0.26607	C.026607	C.091056547	C.091056547	C.098309942	C.098309942
C.25119	24	0.25119	C.025119	C.092821062	C.092821062	C.099900858	C.099900858
C.31623	25	0.23714	C.023714	C.094249651	C.094249651	C.099289439	C.099289439

PULSES INTEGRATED INCOHERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 18.747194

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB- NCN- FLUCTUATING TARGET	DET. PROB- FLUCTUATING TARGET CASE 1	DET. PROB- FLUCTUATING TARGET CASE 2	DET. PROB- FLUCTUATING TARGET CASE 3	DET. PROB- FLUCTUATING TARGET CASE 4
398.10655	26	C-22387		C-55401768	C-95401768	C-99342961	0.99542961
501.18693	27	C-21135		C-56328038	C-96328038	C-99707152	0.99707151
630.55653	28	C-19953		C-57070895	C-97070895	C-99612945	0.99612945
754.32768	29	C-18836		C-57665487	C-97665487	C-99680817	0.99680817
995.95526	30	C-17783		C-58140660	C-98140660	C-99324213	0.99324212
1258.92442	31	C-16788		C-58519927	C-98519927	C-99951865	0.99951865
1584.89188	32	C-15845		C-58822345	C-98822345	C-99969491	0.99969491
1995.26056	33	C-14562		C-59063297	C-99063297	C-99980675	0.99980675
2511.88412	34	C-14125		C-59255154	C-99255154	C-99987768	0.99987768
3162.27460	35	C-13335		C-59407844	C-99407844	C-99992223	0.99992223
3981.06769	36	C-12585		C-59529317	C-99529317		
5011.86707	37	C-11885		C-59625923	C-99625923		
6305.56653	38	C-11220		C-59702734	C-99702734		
7543.27325	39	C-10593		C-59763793	C-99763793		
9995.98816	40	C-10000		C-59812324	C-99812324		
12585.	41	C-09441		C-59850892	C-99850892		
15845.	42	C-08913		C-59881539	C-99881539		
19953.	43	C-08414		C-59905890	C-99905890		
25115.	44	C-07543		C-59925238	C-99925238		
31623.	45	C-07455		C-59940610	C-99940610		
39811.	46	C-07075		C-59952821	C-99952821		
50115.	47	C-06683		C-59962524	C-99962524		
63056.	48	C-06310		C-59970230	C-99970230		
79433.	49	C-05957		C-59976352	C-99976352		
100000.	50	C-05623		C-59981216	C-99981216		
125852.	51	C-05305		C-59985079	C-99985079		
158485.	52	C-05012		C-59988148	C-99988148		
199526.	53	C-04732		C-59990585	C-99990585		

PULSES INTEGRATED INCUPERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 23.392375

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRCH. ACQ- FLUCTUATING TARGET	DET. PRCH. FLUCTUATING TARGET CASE 1	DET. PRCH. FLUCTUATING TARGET CASE 2	DET. PRCH. FLUCTUATING TARGET CASE 3	DET. PRCH. FLUCTUATING TARGET CASE 4
C.10000	-10	1.77828	0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
C.12589	-9	1.67880	0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
C.15849	-8	1.58489	0.00000001	0.00000000	0.00000000	0.00000000	0.00000000
C.15553	-7	1.49624	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
C.25115	-6	1.41254	0.00000000	0.00000001	0.00000001	0.00000000	0.00000000
C.31623	-5	1.33352	0.00000001	0.00000001	0.00000001	0.00000000	0.00000000
C.35811	-4	1.25893	0.00000001	0.00000005	0.00000005	0.00000001	0.00000001
C.50115	-3	1.18850	0.00000001	0.00000016	0.00000016	0.00000003	0.00000003
C.63056	-2	1.12202	0.00000001	0.00000059	0.00000059	0.00000010	0.00000010
C.75433	-1	1.05925	0.00000003	0.00000218	0.00000218	0.00000031	0.00000031
C.00000	0	1.00000	0.00000007	0.00000832	0.00000832	0.00000104	0.00000104
1.25843	1	0.94406	0.00000016	0.00003181	0.00003181	0.00000381	0.00000381
1.58489	2	0.89125	0.00000042	0.00011743	0.00011743	0.00000154	0.00000154
1.95526	3	0.84140	0.00000121	0.00040574	0.00040574	0.00005622	0.00005622
2.51129	4	0.79433	0.00000380	0.00127997	0.00127997	0.00021255	0.00021255
3.16228	5	0.74585	0.00001286	0.00362431	0.00362431	0.00075931	0.00075931
3.98107	6	0.70795	0.00004669	0.00912941	0.00912941	0.00248735	0.00248735
5.01167	7	0.66834	0.00017963	0.02042430	0.02042430	0.00730135	0.00730135
6.30557	8	0.63096	0.00071799	0.04075249	0.04075249	0.01392559	0.01392559
7.94328	9	0.59566	0.00289901	0.07312123	0.07312123	0.04305942	0.04305942
10.00000	10	0.56234	0.01137500	0.11924446	0.11924446	0.08611605	0.08611605
12.58925	11	0.53088	0.04121904	0.17881781	0.17881781	0.15251861	0.15251861
15.84953	12	0.50119	0.12943531	0.24948421	0.24948421	0.24196894	0.24196894
19.95262	13	0.47315	0.32760327	0.32744294	0.32744294	0.34661828	0.34661828
25.11886	14	0.44668	0.62550654	0.40835746	0.40835746	0.46280303	0.46280303
31.62277	15	0.42170	0.88114173	0.48818707	0.48818707	0.57419893	0.57419893
39.81071	16	0.39811	0.98410900	0.56372315	0.56372315	0.67460806	0.67460806
50.11872	17	0.37584	0.99438566	0.63279498	0.63279498	0.75930163	0.75930163
63.05972	18	0.35481	0.99999571	0.69422442	0.69422442	0.82690474	0.82690474
79.43280	19	0.33497		0.74764182	0.74764182	0.87847181	0.87847181
99.99957	20	0.31623		0.79325724	0.79325724	0.91637378	0.91637378
125.89250	21	0.29854		0.83164637	0.83164637	0.94340423	0.94340423
158.48926	22	0.28184		0.86357845	0.86357845	0.96221654	0.96221654
199.52615	23	0.26607		0.88989218	0.88989218	0.97505478	0.97505478
251.18852	24	0.25115		0.91141450	0.91141450	0.98367806	0.98367806
316.22760	25	0.23714		0.92891315	0.92891315	0.98939843	0.98939843

PULSES INTEGRATED INCOHERENTLY = 1
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 23.392375

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. ACQ- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
358.10655	26	C.22387		C.54307281	0.94307281	0.99315389	0.99315387
501.18653	27	C.21135		C.55448723	C.95448723	0.99559971	0.99559970
630.55653	28	C.19553		C.56366094	C.96366094	C.99718235	C.99718234
794.32768	29	C.18836		C.57101609	C.97101609	C.99820117	C.99820117
995.95526	30	C.17783		C.57690192	C.97690192	C.99885435	C.99885435
1258.92442	31	C.16788		C.58160481	C.98160481	C.99927174	C.99927174
1584.89188	32	C.15845		C.58535797	C.98535797	C.99953777	C.99953777
1995.26056	33	C.14962		C.58835030	C.98835030	C.99970677	C.99970677
2511.88412	34	C.14125		C.59073423	C.99073423	C.99981441	C.99981442
3162.27460	35	C.13335		C.59263230	C.99263230	C.99988206	C.99988206
3981.06769	36	C.12585		C.59414230	C.99414230	C.99992572	C.99992572
5011.86707	37	C.11885		C.59534442	C.99534442		
6305.56653	38	C.11220		C.59630001	C.99630001		
7543.27325	39	C.10593		C.59705978	C.99705978		
8995.98816	40	C.10000		C.59766374	C.99766374		
12585.	41	C.05441		C.59814376	C.99814376		
15845.	42	C.08513		C.59852523	C.99852523		
19552.	43	C.08414		C.59882835	C.99882835		
25115.	44	C.07543		C.59906921	C.99906921		
31623.	45	C.07499		C.59926057	C.99926057		
39811.	46	C.07075		C.59941261	C.99941261		
50115.	47	C.06683		C.59953339	C.99953339		
63056.	48	C.06310		C.59962933	C.99962933		
79433.	49	C.05957		C.59970557	C.99970557		
100000.	50	C.05623		C.59976611	C.99976611		
125892.	51	C.05305		C.59981421	C.99981421		
158465.	52	C.05012		C.59985242	C.99985242		
195526.	53	C.04734		C.59988277	C.99988277		
251188.	54	C.04467		C.59990688	C.99990688		

PULSES INTEGRATED INCREMENTALLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS LN ROOT MEAN SQUARE NOISE = 9.337675

SIGNAL IN ALICE RATIO	SIGNAL TO NOISE RATIO CH	ACRABLIZED RANGE	REF. PROP. ALN- FLUCTUATING TARGET	REF. PRCH. FLUCTUATING TARGET CASE 1	REF. PRCH. FLUCTUATING TARGET CASE 2	REF. PRCH. FLUCTUATING TARGET CASE 3	REF. PRCH. FLUCTUATING TARGET CASE 4
C.00100	-30	5.62341	C.06720603	C.06720612	C.06720609	C.06720608	C.06720607
C.00140	-29	5.30884	C.06726806	C.06726821	C.06726815	C.06726809	C.06726801
C.00150	-28	5.01187	C.06734610	C.06734639	C.06734630	C.06734630	C.06734609
C.00200	-27	4.71151	C.06744452	C.06744494	C.06744474	C.06744474	C.06744451
C.00251	-26	4.46684	C.06756840	C.06756806	C.06756875	C.06756874	C.06756851
C.00316	-25	4.21696	C.06772444	C.06772451	C.06772450	C.06772449	C.06772441
C.00358	-24	3.98107	C.06782102	C.06782273	C.06782184	C.06782184	C.06782181
C.00501	-23	3.75837	C.06816670	C.06817193	C.06817009	C.06817008	C.06817001
C.00621	-22	3.54213	C.06844045	C.06844814	C.06844393	C.06844392	C.06844391
C.00754	-21	3.34955	C.06874734	C.06888119	C.06888779	C.06888778	C.06888771
C.01000	-20	3.16228	C.06937056	C.06938136	C.06937599	C.06937598	C.06937591
C.01255	-19	2.98338	C.06999657	C.07000139	C.07000513	C.07000513	C.07000507
C.01505	-18	2.81838	C.07078674	C.07081351	C.07080073	C.07080072	C.07080064
C.01555	-17	2.66072	C.07118471	C.07118479	C.07118059	C.07118059	C.07118051
C.02512	-16	2.51195	C.07304637	C.07311215	C.07307968	C.07307967	C.07307961
C.03162	-15	2.37137	C.07464274	C.07474532	C.07469444	C.07469443	C.07469431
C.03581	-14	2.23872	C.07666516	C.07682443	C.07674642	C.07674641	C.07674631
C.05012	-13	2.11345	C.07923117	C.07947697	C.07935727	C.07935727	C.07935721
C.06310	-12	1.99526	C.08249264	C.08286909	C.08288722	C.08288722	C.08288715
C.07543	-11	1.88365	C.08664688	C.08721754	C.08654476	C.08654475	C.08654461
C.10000	-10	1.77828	C.09195132	C.09280460	C.09240256	C.09240256	C.09240241
C.12589	-9	1.67880	C.09417453	C.09499584	C.09441746	C.09441746	C.09441731
C.15845	-8	1.58489	C.10746790	C.10925902	C.10845402	C.10845401	C.10845391
C.19553	-7	1.49624	C.11871085	C.12118037	C.12011716	C.12011715	C.12011701
C.25119	-6	1.41254	C.13324604	C.13647047	C.13517077	C.13517077	C.13517061
C.31623	-5	1.3352	C.15208932	C.15594736	C.15456468	C.15456467	C.15456451
C.35811	-4	1.25893	C.17655780	C.18048218	C.17542251	C.17542251	C.17542241
C.50119	-3	1.18850	C.20831950	C.21089218	C.21057910	C.21057909	C.21057901
C.63056	-2	1.12025	C.24939686	C.24778204	C.25043605	C.25043605	C.25043591
C.75423	-1	1.05925	C.30205663	C.29135555	C.29870758	C.29870758	C.29870751
C.00000	0	1.00000	C.36847099	C.34124968	C.35007501	C.35007500	C.35007491
C.125853	1	C.94408	C.44999515	C.39645605	C.42192870	C.42192870	C.42192861
C.158489	2	C.89125	C.54598264	C.45537804	C.49404430	C.49404430	C.49404421
C.155526	3	C.84140	C.65221291	C.51602479	C.56965027	C.56965026	C.56965011
C.51189	4	C.79433	C.75983804	C.57628942	C.64495860	C.64495860	C.64495851
C.16228	5	C.74589	C.85623100	C.63423399	C.71584639	C.71584639	C.71584631

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 ID THE POWER 1-
 BIAS ON ROOT MEAN SQUARE NOISE = 4.367675

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO dB	NORMALIZED RANGE	DET. PRCB. ACQ- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
3.98107	6	C.70795	C.92317870	0.68929836	C.77947455	0.77947454	0.8430602
5.01187	7	C.66834	0.97319803	0.33741417	C.83376069	0.83376069	0.83765333
6.30958	8	C.63096	0.99287604	0.78100914	C.87801170	0.87801171	0.93723337
7.94329	9	C.55566	0.59881600	0.81894155	C.91262984	0.91262984	0.96171747
10.00000	10	C.56234	0.99989407	0.85139735	C.93274827	0.93274829	0.98015244
12.58526	11	C.53088	C.99999578	0.87878103	C.95784540	0.95784541	0.98767333
15.84854	12	C.50119		0.50161946	C.97144224	C.97144225	0.99456077
19.95263	13	C.47315		0.52048125	C.98090738	C.98090737	0.99753910
25.11887	14	C.44648		0.53955474	C.98737488	0.98737488	0.99756031
35.81073	15	C.42170		0.54855563	C.99172676	C.99172677	0.99948601
50.11874	16	C.35811		0.55876934	C.99461851	C.99461852	0.99777404
63.05575	17	C.37584		0.56701453	C.99652050	0.99652050	0.99950244
75.43284	18	C.35481		0.57364837	C.99776119	C.99776119	
100.00001	19	C.33457		C.57897314	C.99856512	C.99856513	
125.89255	20	C.31623		C.58323721	C.99908327	0.99908327	
158.48932	21	C.29854		C.58664636	C.99941579	0.99941579	
195.52623	22	C.28184		0.58936946	0.99962845	0.99962844	
251.12863	23	C.26607		0.59153963	C.99976408	0.99976407	
318.22773	24	C.25119		0.59326593	C.99985038	C.99985038	
398.10711	25	C.23714		0.59464793	C.99990522	0.99990521	
501.18714	26	C.22387		0.59574479			
630.55719	27	C.21135		0.59661750			
794.32601	28	C.19953		C.59731164			
995.95567	29	C.18036		0.59786357			
1258.92454	30	C.17783		0.59830235			
1584.89253	31	C.16784		0.59865112			
1995.26140	32	C.15845		0.59892829			
2511.88516	33	C.14962		C.59914857			
3162.27513	34	C.14125		0.59932358			
3981.06512	35	C.13335		0.59946263			
5011.86884	36	C.12589		C.59957311			
6305.56875	37	C.11885		C.59966089			
7942.27612	38	C.11220		0.59973062			
9995.99170	39	C.10593		0.59978602			
12589.	40	C.10000		C.59983001			
	41	C.05441		C.59986497			

PULSES INTEGRATED INCORPORATELY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 4.347675

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROC. NON- FLUCTUATING TARGET	DET. PROC. FLUCTUATING TARGET CASE 1	DET. PROC. FLUCTUATING TARGET CASE 2	DET. PROC. FLUCTUATING TARGET CASE 3	DET. PROC. FLUCTUATING TARGET CASE 4
15845.	42	C.C8913		C.59989275			
19952.	43	C.C8414		C.59991440			

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 7.639159

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	C-00069897	C-00069898	C-00069898	C-00069897	C-00069897
C-00126	-29	5.30884	C-00070055	C-00070056	C-00070056	C-00070055	C-00070055
C-00150	-28	5.01187	C-00070253	C-00070257	C-00070255	C-00070255	C-00070254
C-00200	-27	4.73151	C-00070503	C-00070509	C-00070506	C-00070506	C-00070505
C-00251	-26	4.46684	C-00070819	C-00070827	C-00070824	C-00070823	C-00070821
C-00316	-25	4.21696	C-00071218	C-00071231	C-00071225	C-00071224	C-00071221
C-00350	-24	3.98107	C-00071721	C-00071742	C-00071732	C-00071731	C-00071720
C-00501	-23	3.75837	C-00072357	C-00072391	C-00072374	C-00072373	C-00072360
C-00631	-22	3.54813	C-00073162	C-00073217	C-00073159	C-00073159	C-00073176
C-00754	-21	3.34565	C-00074182	C-00074269	C-00074226	C-00074225	C-00074203
C-01000	-20	3.16228	C-00075477	C-00075615	C-00075560	C-00075545	C-00075511
C-01259	-19	2.98538	C-00077123	C-00077344	C-00077233	C-00077232	C-00077178
C-01585	-18	2.81838	C-00079221	C-00079577	C-00079397	C-00079396	C-00079302
C-01555	-17	2.66072	C-00081905	C-00082476	C-00082187	C-00082186	C-00082044
C-02512	-16	2.51185	C-00085351	C-00086270	C-00085803	C-00085802	C-00085574
C-03162	-15	2.37137	C-00089795	C-00091283	C-00090525	C-00090524	C-00090156
C-03981	-14	2.23872	C-00095563	C-00097983	C-00096743	C-00096742	C-00096145
C-05012	-13	2.11349	C-00103100	C-00107059	C-00105020	C-00105020	C-00104045
C-06310	-12	1.99526	C-00113039	C-00119558	C-00116179	C-00116178	C-00114578
C-07943	-11	1.88365	C-00126278	C-00137098	C-00131451	C-00131451	C-00128804
C-10000	-10	1.77828	C-00144135	C-00162251	C-00152726	C-00152725	C-00148311
C-12589	-9	1.67880	C-00168575	C-00199189	C-00182968	C-00182967	C-00175534
C-15849	-8	1.58485	C-00200258	C-00254803	C-00226939	C-00226939	C-00214371
C-15553	-7	1.49624	C-00250845	C-00340634	C-00292457	C-00292456	C-00270757
C-25115	-6	1.41254	C-00320780	C-00476074	C-00392567	C-00392567	C-00354943
C-31623	-5	1.33352	C-00424516	C-00693477	C-00549312	C-00549311	C-00483877
C-39811	-4	1.25893	C-00582223	C-01045580	C-00800030	C-00800029	C-00686032
C-50119	-3	1.18850	C-00828056	C-01614869	C-01207394	C-01207393	C-01010335
C-63056	-2	1.12202	C-01220959	C-02522384	C-01873925	C-01873925	C-01539947
C-75433	-1	1.05525	C-01862889	C-03930490	C-02959652	C-02959651	C-02413707
C-10000	C	1.00000	C-02930841	C-06031787	C-04696509	C-04696508	C-03854377
C-12583	1	C-54406	C-04726849	C-09018321	C-07385478	C-07385477	C-06195761
C-15849	2	C-89125	C-07746913	C-13033807	C-11357252	C-11357252	C-09065205
C-19526	3	C-84140	C-12745463	C-18123455	C-16885053	C-16885053	C-15422363
C-25115	4	C-75433	C-20712052	C-24202679	C-24065870	C-24065870	C-23196992
C-31623	5	C-74989	C-32579259	C-31060103	C-32721860	C-32721860	C-32744934

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 9.639159

SIGNAL IC ACISE RATIC	SIGNAL IC ACISE RATIC CB	NORMALIZED RANGE	DET. PROB- NON- FLUCTUATING TARGET	DET. PROB- FLUCTUATING TARGET CASE 1	DET. PROB- FLUCTUATING TARGET CASE 2	DET. PROB- FLUCTUATING TARGET CASE 3	DET. PROB- FLUCTUATING TARGET CASE 4
3.98107	6	C.70795	0.48457001	C.28394671	C.42384133	0.42384133	0.45042279
5.01187	7	0.66834	0.66564780	C.45871839	C.52384835	C.52384835	0.57513691
6.30958	8	C.63096	0.83014622	0.53178642	C.62021134	C.62021134	0.69333969
7.94329	9	C.59566	0.93931024	0.60062751	C.70716210	0.70716210	0.79381600
10.00000	10	0.56234	0.98675168	0.66350283	C.78114684	0.78114684	0.87074039
12.58926	11	C.53088	0.99852739	0.71945281	C.84094823	0.84094823	0.92416334
15.84854	12	0.50119	0.99993405	C.76817562	C.88719971	0.88719971	0.95813157
18.95263	13	0.47315		C.80985710	0.92166096	0.92166096	0.97810490
25.11887	14	C.44668		C.84500068	0.94654872	0.94654872	0.98907855
31.62279	15	C.42170		C.87423432	0.96406440	0.96406440	0.99476875
35.81073	16	C.39811		0.89845343	C.97613315	C.97613316	0.99757837
50.11874	17	C.37584		C.51824854	0.98430629	0.98430629	0.99891047
63.09575	18	C.35481		0.53436143	C.98976416	C.98976417	0.99952117
75.43284	19	0.33457		0.54741232	C.99336778	C.99336778	0.99979356
100.00001	20	C.31623		0.55794128	0.99572551	0.99572551	0.99991241
125.89255	21	C.29854		0.56640883	C.99725683	C.99725684	
158.48932	22	C.28184		C.57320138	C.99824559	C.99824559	
195.52623	23	C.26607		0.57863933	C.99888103	C.99888103	
251.18863	24	0.25115		C.58298585	C.99928768	C.99928769	
316.22773	25	C.23714		0.58645556	C.99954760	C.99954760	
358.10711	26	C.22387		0.58922252	C.99971300	C.99971300	
501.18714	27	C.21135		0.59142728	C.99981812	C.99981813	
630.95719	28	C.19553		C.59318296	C.99988484	C.99988485	
794.32801	29	C.18836		0.59458028	C.99992714	C.99992715	
995.55567	30	C.17783		C.59569198			
1258.92454	31	C.16788		0.59657614			
1584.89253	32	C.15849		0.59727913			
1995.26140	33	0.14562		0.59783758			
2511.88516	34	C.14125		0.59828216			
3162.27573	35	C.13335		0.59863517			
3981.06512	36	C.12589		0.59891569			
5011.66884	37	C.11885		C.59913857			
6309.56875	38	C.11220		0.59931569			
7943.27612	39	C.10593		0.59945633			
9999.99170	40	C.10000		0.59956816			
12589.	41	C.03441		C.59965655			

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 9.639159

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
15849.	42	C.08913		0.59972750			
19453.	43	C.08414		0.59978352			
25119.	44	C.07943		0.59982806			
31623.	45	C.07459		0.59986343			
39811.	46	C.07079		0.59989148			
50115.	47	C.06683		0.59991382			

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 RIAS UN ROOT MEAN SQUARE NOISE = 17.076654

SIGNAL TC NCISE RATIO	SIGNAL TC NCISE RATIO CP	NORMALIZED RANGE	DET. PRCP. NCN- FLUCTUATING TARGET	DET. PRCP. FLUCTUATING TARGET CASE 1	DET. PRCP. FLUCTUATING TARGET CASE 2	DET. PRCP. FLUCTUATING TARGET CASE 3	DET. PRCP. FLUCTUATING TARGET CASE 4
C-1CCCC	-1C	1.77828	0.00000245	C-00000377	C-00000300	C-00000239	C-00000271
C-12589	-9	1.6788C	0.00000317	C-00000377	C-00000419	C-00000418	C-00000362
C-15849	-8	1.58489	C-00000427	C-00000593	C-00000624	C-00000624	C-00000512
C-19953	-7	1.49624	C-000006C1	C-00001744	C-00001001	C-00001000	C-00000737
C-25119	-6	1.41254	C-00000889	C-00003455	C-00001732	C-00001731	C-00001229
C-31623	-5	1.33352	C-00001387	C-00001387	C-00003242	C-00003242	C-00002177
C-35811	-4	1.25893	C-00002289	C-00016763	C-00006554	C-00006554	C-00003877
C-5C119	-3	1.1885C	0.00004008	C-00039512	C-00014200	C-00014199	C-00007677
C-63C56	-2	1.122C2	0.00007460	C-00094333	C-00032537	C-00032536	C-00016294
C-79433	-1	1.05525	C-00014763	C-00222372	C-00077394	C-00077393	C-00036571
C-1CCCC	C	1.00000	C-00031046	C-00050514	C-00186778	C-00186777	C-00026094
C-12589	1	C-544C6	C-00069159	C-01089074	C-00446013	C-00446012	C-00020883
C-15849	2	C-89125	C-00162169	C-02190302	C-01028213	C-01028212	C-00050962
C-19953	3	C-8414C	C-00396224	C-04083575	C-02239469	C-02239468	C-00121923
C-25119	4	C-79433	C-009934C5	C-07041533	C-04532263	C-04532262	C-0274557
C-31623	5	C-74589	C-0025C1138	C-112519C6	C-08433611	C-08433610	C-05934745
C-35811	6	C-70795	C-06142163	C-16744345	C-14366207	C-14366207	C-11571476
C-5C119	7	C-66834	C-14172491	C-23963750	C-22427350	C-22427350	C-20400976
C-63C56	8	C-63C96	C-29381832	C-3C801412	C-32259088	C-32259088	C-32344C37
C-79433	9	C-59566	C-522C5843	C-38665891	C-431C7252	C-43107251	C-46430473
C-1CCCC	1C	C-56234	C-76677876	C-46562073	C-54043548	C-54043548	C-60695232
C-12589	11	C-53C88	C-51132737	C-54152404	C-64226321	C-64226320	C-73345874
C-19953	12	C-50119	C-59C3053C	C-61189441	C-73C78691	C-73078691	C-83254773
C-25119	13	C-47315	C-09951C33	C-675219C9	C-80338576	C-80338576	C-40201066
C-31623	14	C-44668	0.9999939C	C-73C831C3	C-86C829C	C-86C829C	C-94620165
C-35811	15	C-4217C		C-77871105	C-9C26C045	C-9C26C045	C-9706647
C-5C119	16	C-35811		C-61927815	C-93343773	C-93343772	C-94617377
C-63C56	17	C-37584		C-65320762	C-95520169	C-95520169	C-99342646
C-79433	18	C-35481		C-881292C5	C-97C22539	C-97022539	C-99697836
C-12589	19	C-33457		C-50434541	C-98041209	C-98041208	C-99664844
C-19953	2C	C-31623		C-52314316	C-98722008	C-98722009	C-9994094C
C-25119	21	C-29854		C-53838939	C-99171752	C-99171753	C-99974636
C-31623	22	C-28184		C-55C70262	C-95466110	C-95466109	C-99349255
C-35811	23	C-266C7		C-56C61338	C-99657338	C-99657338	C-99995523
C-5C119	24	C-25115		C-56856894	C-99780832	C-99780833	C-99780833
C-63C56	25	C-23714		C-57494125	C-998602C8	C-998602C8	C-998602C8

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 17.076654

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NCN- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
398.10655	26	C.22387		0.58003669	0.99911032	0.99911031	
501.18653	27	C.21135		0.58410557	0.99943478	C.99943478	
630.95653	28	C.19553		C.58735119	0.99964142	0.99964141	
754.32768	29	C.18836		0.58993787	0.99977276	0.99977276	
999.99926	30	C.17783		0.59159800	0.99985612	0.99985612	
1258.92442	31	C.16788		0.59363786	C.99990897	C.99990898	
1584.89188	32	C.15845		0.59494264			
1995.26056	33	C.14962		0.59598044			
2511.88412	34	C.14125		0.59680565			
3162.27460	35	C.13335		0.59746169			
3981.06769	36	C.12589		0.59798316			
5011.86707	37	C.11885		0.59839759			
6305.56653	38	C.11220		0.59872693			
7942.27325	39	C.10593		0.59898863			
9995.98816	40	C.10000		0.59919653			
12585.	41	C.09441		0.59936172			
15849.	42	C.08913		0.59949296			
19953.	43	C.08414		0.59959722			
25115.	44	C.07943		0.59968004			
31623.	45	C.07459		0.59974585			
39811.	46	C.07075		0.59977810			
50115.	47	C.06683		0.59983963			
63096.	48	C.06310		0.59987261			
75423.	49	C.05957		0.59989881			
100000.	50	C.05623		0.59991962			

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 21.919171

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NCN- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-10000	-10	1.77828	0.00000003	0.00000007	0.00000005	0.00000004	0.00000004
C-12589	-9	1.67880	0.00000004	0.00000013	0.00000007	0.00000007	0.00000005
C-15849	-8	1.58489	0.00000007	0.00000025	0.00000013	0.00000012	0.00000009
C-19953	-7	1.49624	0.00000010	0.00000055	0.00000022	0.00000022	0.00000015
C-25119	-6	1.41254	0.00000016	0.00000138	0.00000046	0.00000045	0.00000027
C-31623	-5	1.33352	0.00000027	0.00000381	0.00000104	0.00000103	0.00000052
C-39811	-4	1.25893	0.00000050	0.00001132	0.00000259	0.00000259	0.00000113
C-50119	-3	1.18850	0.00000098	0.00003520	0.00000712	0.00000711	0.00000269
C-63096	-2	1.12202	0.00000207	0.00011089	0.00002103	0.00002103	0.00000700
C-79433	-1	1.05925	0.00000473	0.00034253	0.00006545	0.00006544	0.00001978
C-10000	0	1.00000	0.00001169	0.00100686	0.00020799	0.00020798	0.00005979
C-12589	1	0.94406	0.00003116	0.00274934	0.00065374	0.00065374	0.00018903
C-15849	2	0.89125	0.00008927	0.00685714	0.00196834	0.00196834	0.00060767
C-19953	3	0.84140	0.00027266	0.01547485	0.00551915	0.00551914	0.00192259
C-25119	4	0.79433	0.00087602	0.03151647	0.01409965	0.01409964	0.00579037
C-31623	5	0.74989	0.00290175	0.05808969	0.03235502	0.03235501	0.01608694
C-39811	6	0.70795	0.00963290	0.09754516	0.06627101	0.06627101	0.04018110
C-50119	7	0.66834	0.03084181	0.15057936	0.12124059	0.12124059	0.08864967
C-63096	8	0.63096	0.09063382	0.21584893	0.19934347	0.19934347	0.11713176
C-79433	9	0.59566	0.23025994	0.29025954	0.29752072	0.29752071	0.29023360
C-10000	10	0.56234	0.47456031	0.36973087	0.40799838	0.40799838	0.43483526
C-12589	11	0.53088	0.75641079	0.45007166	0.52074872	0.52074872	0.58472840
C-15849	12	0.50119	0.93919952	0.52766460	0.62649594	0.62649594	0.71887012
C-19953	13	0.47315	0.99392118	0.59983429	0.71879440	0.71879439	0.82409258
C-25119	14	0.44668	0.99983212	0.66492318	0.79463436	0.79463435	0.89761919
C-31623	15	0.42170	0.99999920	0.72217314	0.85390234	0.85390235	0.94412841
C-39811	16	0.39811		0.77151704	0.89834576	0.89834576	0.97116517
C-50119	17	0.37584		0.81335662	0.93056632	0.93056633	0.98580872
C-63096	18	0.35481		0.84836961	0.95329322	0.95329323	0.99328813
C-79433	19	0.33497		0.87735246	0.96897175	0.96897175	0.99692852
C-10000	20	0.31623		0.50116845	0.97959600	0.97959601	0.99863198
C-12589	21	0.29854		0.52058407	0.98689250	0.98689250	0.99940397
C-15849	22	0.28184		0.53633398	0.99137828	0.99137828	0.99974492
C-19953	23	0.26607		0.54905554	0.99444386	0.99444386	0.99989238
C-25119	24	0.25119		0.55929593	0.99643471	0.99643471	0.99995512
C-31623	25	0.23714		0.56751663	0.99772003	0.99772003	

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 21.919171

SIGNAL TO NCISE RATIO	SIGNAL TO NCISE RATIO DB	NORMALIZED RANGE	DET. PROC. NCN- FLUCTUATING TARGET	DET. PROC. FLUCTUATING TARGET CASE 1	DET. PROC. FLUCTUATING TARGET CASE 2	DET. PROC. FLUCTUATING TARGET CASE 3	DET. PROC. FLUCTUATING TARGET CASE 4
398.10655	26	C-22387		C-57410171	0.99854596	0.99854597	
501.18693	27	C-21135		0.57936748	0.99907471	0.99907471	
630.95693	28	C-19953		0.58357254	0.99941222	0.99941222	
794.32768	29	C-18836		0.58692684	0.99962713	0.99962714	
999.99926	30	C-17783		0.58960021	0.99976372	0.99976372	
1258.92442	31	C-16788		0.59172942	0.99985041	0.99985041	
1584.89188	32	C-15849		0.59342430	0.99990536	0.99990536	
1995.26056	33	C-14902		0.59477285			
2511.82412	34	C-14125		0.59584547			
3162.27460	35	C-13335		0.59669838			
3981.06769	36	C-12589		0.59737646			
5011.86707	37	C-11885		0.59791542			
6305.56653	38	C-11220		0.59834378			
7943.27323	39	C-10593		0.59868418			
9999.98816	40	C-10000		0.59895464			
12589.	41	C-09441		0.59916954			
15849.	42	C-08913		0.59934028			
19953.	43	C-08414		0.59947593			
25115.	44	C-07943		0.59958369			
31623.	45	C-07499		0.59966931			
39811.	46	C-07079		0.59973729			
50115.	47	C-06683		0.59979132			
63056.	48	C-06310		0.59983424			
79433.	49	C-05957		0.59986833			
100000.	50	C-05623		0.59989541			
125892.	51	C-05309		0.59991891			

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 26.714317

SIGNAL TO NCISE RATIO	SIGNAL IC NCISE RATIO C8	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-10CCC0	-10	1.71828	0.00000001	0.00000001	0.00000001	0.00000000	0.00000000
0.12589	-9	1.6788C	0.00000000	0.00000001	0.00000001	0.00000000	0.00000000
C-15849	-8	1.58489	0.00000001	0.00000001	0.00000001	0.00000000	0.00000000
0.19953	-7	1.49624	0.00000001	0.00000002	0.00000001	0.00000000	0.00000001
C-25119	-6	1.41254	0.00000001	0.00000006	0.00000001	0.00000001	0.00000000
C-31623	-5	1.33352	0.00000001	0.00000021	0.00000004	0.00000003	0.00000001
C-39811	-4	1.25893	0.00000001	0.00000079	0.00000010	0.00000010	0.00000003
C-50119	-3	1.1885C	0.00000002	0.00000321	0.00000036	0.00000035	0.00000009
C-63C96	-2	1.12202	0.00000005	0.0001331	0.00000134	0.00000133	0.00000029
C-79433	-1	1.05925	0.00000013	0.00005373	0.00000544	0.00000543	0.00000101
1.00000	C	1.00000	0.00000039	0.00020361	0.00002271	0.00002270	0.00000390
1.25893	1	C-944C6	0.00000124	0.00070348	0.00009377	0.00009377	0.00001599
1.58489	2	0.89125	0.00000417	0.00217129	0.00036819	0.00036819	0.00006744
1.99526	3	0.8414C	0.00001558	0.00592018	0.00132755	0.00132754	0.00028143
2.51189	4	0.79433	0.00000265	0.01421750	0.00427799	0.00427798	0.0011534
3.16228	5	C-74989	0.00002642	0.03018427	0.01210351	0.01210350	0.00403845
3.98107	6	C-70795	0.00116637	0.05712666	0.02981808	0.02981807	0.01293358
5.01187	7	0.66834	C-CC506461	0.09746612	0.06398196	0.06398195	0.03579860
6.30557	8	0.63C96	0.02074122	0.15178882	C-12041338	0.12041337	0.08458708
7.94328	9	C-59566	0.07509692	0.21850596	0.20108603	0.20108603	0.17036286
10.00000	10	0.56234	0.22250398	0.29425156	0.30227144	0.30227144	0.29481649
12.58925	11	0.53C88	0.49828764	0.37474123	0.41533051	0.41533051	0.44515933
15.84893	12	0.50119	0.80228188	0.45568907	0.52962112	0.52962112	0.59850077
19.95262	13	C-47315	0.96485240	0.53348328	0.63571014	0.63571013	0.73282218
25.11886	14	0.44668	0.99806897	0.60551859	0.72737273	0.72737271	0.83574846
31.62277	15	0.42170		0.67023413	0.80198804	0.80198805	0.90601844
35.81071	16	0.39811		0.72696726	0.85981581	0.85981581	0.94951153
50.11872	17	C-37584		0.77572984	0.90286843	0.90286844	0.97430553
63.09572	19	C-35481		0.81698127	0.93389094	0.93389095	0.98750705
79.4328C	19	C-33497		0.85143387	C-95566163	0.95566165	0.99415222
99.99957	20	C-31623		0.87992418	0.97061746	0.97061747	0.99734709
125.89250	21	C-29854		0.50328586	0.98071711	0.98071712	0.99882685
158.48926	22	0.28184		0.52231992	C-98744431	0.98744432	0.99949189
199.52615	23	C-24607		0.53774778	0.99187618	0.99187618	0.99978359
251.18852	24	C-25119		0.55020109	0.99477033	0.99477033	0.99990906
316.22760	25	C-23714		0.56022035	0.99664710	0.99664711	

PULSES INTEGRATED INCOHERENTLY = 2
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 26.714317

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. MCN- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
398.10695	26	C.22387		0.56826018	0.99785733	0.99785733	
501.18693	27	C.21135		0.97469823	0.99863428	0.99863428	
630.95693	28	C.19953		0.57984511	0.99913131	0.99913130	
794.32768	29	C.18836		0.58395430	0.99944836	0.99944837	
999.99926	30	0.17783		0.58723160	0.99965015	0.99965015	
1258.92442	31	0.16788		0.58984325	0.99977836	0.99977836	
1584.89188	32	0.15849		0.59192308	0.99985971	0.99985971	
1995.26056	33	0.14962		0.59357852	0.99991125	0.99991125	
2511.88412	34	0.14125		0.59489558			
3162.27460	35	0.13335		0.59594311			
3981.06769	36	0.12589		0.59677604			
5011.86707	37	0.11885		0.59743819			
6309.56653	38	C.11220		0.59796453			
7943.27325	39	C.10593		0.59838281			
9999.98816	40	0.10000		0.59871518			
12589.	41	C.09441		0.59897929			
15849.	42	0.08913		0.59918912			
19953.	43	0.08414		0.59935584			
25119.	44	0.07543		0.59948829			
31623.	45	C.07499		0.59959333			
39811.	46	C.07079		0.59967709			
50119.	47	C.06683		0.59974351			
63056.	48	0.06310		0.59979624			
79433.	49	0.05957		0.59983816			
100000.	50	C.05623		0.59987143			
125892.	51	C.05309		0.59989787			
158489.	52	C.05012		0.59991888			

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 5.891956

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. ACN- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	CET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.06724939	0.06724960	0.06724945	0.06724949	0.06724942
C-00126	-29	5.30884	0.06732263	0.06732295	0.06732275	0.06732279	0.06732268
C-00158	-28	5.01187	0.06741488	0.06741538	0.06741505	0.06741513	0.06741496
C-00200	-27	4.73151	0.06753107	0.06753187	0.06753134	0.06753147	0.06753120
C-00251	-26	4.46684	0.06767745	0.06767870	0.06767786	0.06767808	0.06767765
C-00316	-25	4.21696	0.06786187	0.06786386	0.06786253	0.06786287	0.06786221
C-00358	-24	3.98107	0.06809429	0.06809743	0.06809534	0.06809587	0.06809481
C-00501	-23	3.75837	0.06838726	0.06839224	0.06838893	0.06838977	0.06838810
C-00631	-22	3.54813	0.06875670	0.06876457	0.06875934	0.06876065	0.06875803
C-00794	-21	3.34965	0.06922275	0.06923517	0.06922691	0.06922898	0.06922483
C-01000	-20	3.16228	0.06981056	0.06983056	0.06981754	0.06982081	0.06981426
C-01259	-19	2.98538	0.07055387	0.07058472	0.07056423	0.07056940	0.07055907
C-01585	-18	2.81838	0.07149288	0.07154414	0.07150923	0.07151734	0.07150104
C-01995	-17	2.66072	0.07268096	0.07275711	0.07270667	0.07271941	0.07269385
C-02512	-16	2.51189	0.07418598	0.07430514	0.07422537	0.07424632	0.07420626
C-03162	-15	2.37137	0.07609539	0.07628117	0.07615866	0.07618979	0.07612719
C-03981	-14	2.23872	0.07852224	0.07881047	0.07862102	0.07866941	0.07857196
C-05012	-13	2.11349	0.08161354	0.08203786	0.08176711	0.08184186	0.08169100
C-06310	-12	1.99526	0.08556158	0.08624060	0.08579893	0.08591350	0.08568162
C-07543	-11	1.88365	0.09061933	0.09164492	0.09098331	0.09115700	0.09080408
C-10000	-10	1.77828	0.09712166	0.09864596	0.09767389	0.09793334	0.09740333
C-12589	-9	1.67880	0.10551427	0.10772970	0.10633985	0.10671939	0.10593820
C-15849	-8	1.58489	0.11639271	0.11951228	0.11760147	0.11814032	0.11701927
C-19953	-7	1.49624	0.13055368	0.13474794	0.13227079	0.13300277	0.13145573
C-25119	-6	1.41254	0.14905937	0.15431109	0.15138999	0.15231803	0.15030798
C-31623	-5	1.33352	0.17331049	0.17913413	0.17625059	0.17729565	0.17493424
C-39811	-4	1.25893	0.20511243	0.21008576	0.20836197	0.20927516	0.20700512
C-50119	-3	1.18850	0.24669468	0.24779277	0.24932074	0.24955835	0.24844327
C-63096	-2	1.12202	0.30060118	0.30242209	0.30052663	0.29911677	0.30115327
C-79433	-1	1.05925	0.36930724	0.34352766	0.36271957	0.35819697	0.36661974
C-00000	0	1.00000	0.45436691	0.39996500	0.43540169	0.42592735	0.44505634
C-12589	1	0.94406	0.55494797	0.45998987	0.51634797	0.50010373	0.53452320
C-15849	2	0.89125	0.66597293	0.52148753	0.60151409	0.57732613	0.63027082
C-19953	3	0.84140	0.77692392	0.58227891	0.68558307	0.65353281	0.72500926
C-25119	4	0.79433	0.87333681	0.64041157	0.76309335	0.72477667	0.81050076
C-31623	5	0.74989	0.94246971	0.69436606	0.82972500	0.78796600	0.88006654

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 5.891956

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB- NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	0.70795	0.98071689	0.74313506	0.88318078	0.84130242	0.93070471
5.01187	7	0.66834	0.99570787	0.78623014	0.92333079	0.88432801	0.96354707
6.30958	8	0.63096	0.99944676	0.82357993	0.95170212	0.91766141	0.98252768
7.94329	9	0.59566	0.99996539	0.85542888	0.97067685	0.94259033	0.99234010
10.00050	10	0.56234		0.88222340	0.98276592	0.96067745	0.99690959
12.58926	11	0.53088		0.90451681	0.99015120	0.97446857	0.99884344
15.84854	12	0.50119		0.92289782	0.99450430	0.98232275	0.99959512
19.95263	13	0.47315		0.93794171	0.99699412	0.98334413	0.99986618
25.11887	14	0.44668		0.95018119	0.99838301	0.99237985	0.99995796
31.62279	15	0.42170		0.96009132	0.99914196	0.99505285	
39.81073	16	0.39811		0.96808450	0.99954975	0.99680636	
50.11874	17	0.37584		0.97451156	0.99976587	0.99794771	
63.09575	18	0.35481		0.97966684	0.99987914	0.99868601	
79.43284	19	0.33497		0.98379323	0.99993798	0.99916121	
100.00001	20	0.31623		0.98709138		0.99946580	
125.89255	21	0.29854		0.98972407		0.99966043	
158.48932	22	0.28184		0.99182343		0.99978448	
195.52623	23	0.26607		0.99349621		0.99986336	
251.18863	24	0.25119		0.99482821		0.99991346	
316.22773	25	0.23714		0.99588832			
398.10711	26	0.22387		0.99673174			
501.18714	27	0.21135		0.99740252			
630.95719	28	0.19953		0.99793585			
794.32801	29	0.18836		0.99835981			
999.99967	30	0.17783		0.99869680			
1258.92494	31	0.16788		0.99896459			
1584.89253	32	0.15849		0.99917741			
1995.26140	33	0.14962		0.99934650			
2511.88516	34	0.14125		0.99948085			
3162.27573	35	0.13335		0.99958758			
3981.06512	36	0.12589		0.99967236			
5011.86884	37	0.11885		0.99973974			
6309.56879	38	0.11220		0.99979327			
7943.27612	39	0.10593		0.99983580			
9995.99170	40	0.10000		0.99986954			
12589.	41	0.09441		0.99989636			

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 3
 BIAS ON ROOT MEAN SQUARE NOISE = 5.891956

SIGNAL TO NOISE RATIO	15849.	SIGNAL TO NOISE RATIO DB	42	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
				C.C8913		0.59991769			

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 11.665448

SIGNAL TC ACISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-001C0	-30	5.62341	0.00069974	0.00069975	0.00069974	0.00069974	0.00069974
C-00126	-29	5.30884	0.00070151	0.00070154	0.00070152	0.00070152	0.00070152
C-00158	-28	5.01187	0.00070375	0.00070380	0.00070377	0.00070377	0.00070376
C-00200	-27	4.73151	0.00070658	0.00070666	0.00070661	0.00070661	0.00070659
C-00251	-26	4.46684	0.00071014	0.00071026	0.00071019	0.00071020	0.00071016
C-00316	-25	4.21696	0.00071464	0.00071485	0.00071472	0.00071475	0.00071468
C-00398	-24	3.98107	0.00072034	0.00072066	0.00072045	0.00072050	0.00072040
C-00501	-23	3.75837	0.00072755	0.00072806	0.00072772	0.00072780	0.00072763
C-00631	-22	3.54813	0.00073668	0.00073749	0.00073695	0.00073708	0.00073682
C-00794	-21	3.34965	0.00074828	0.00074957	0.00074870	0.00074872	0.00074849
C-01000	-20	3.16228	0.00076302	0.00076509	0.00076371	0.00076406	0.00076336
C-01259	-19	2.98538	0.00078183	0.00078514	0.00078292	0.00078347	0.00078238
C-01585	-18	2.81838	0.00080591	0.00081123	0.00080765	0.00080853	0.00080677
C-01995	-17	2.66072	0.00083683	0.00084544	0.00083963	0.00084105	0.00083822
C-02512	-16	2.51189	0.00087675	0.00089075	0.00088128	0.00088359	0.00088789
C-03162	-15	2.37137	0.00092863	0.00095148	0.00093595	0.00093972	0.00093225
C-03981	-14	2.23872	0.00099652	0.00103413	0.00100846	0.00101465	0.00100242
C-05012	-13	2.11349	0.00108621	0.00114860	0.00110579	0.00111604	0.00109585
C-06310	-12	1.99526	0.00120598	0.00131045	0.00123837	0.00125547	0.00122187
C-07943	-11	1.88365	0.00136805	0.00154483	0.00142210	0.00145094	0.00139447
C-10000	-10	1.77828	0.00153079	0.00189331	0.00168189	0.00173112	0.00163512
C-12589	-9	1.67880	0.00190245	0.00242607	0.00205782	0.00214284	0.00197767
C-15849	-8	1.58489	0.00234760	0.00326315	0.00261588	0.00276445	0.00247683
C-19953	-7	1.49624	0.00298229	0.00461015	0.00346733	0.00372958	0.00322322
C-25119	-6	1.41254	0.00397385	0.00681549	0.00480329	0.00526913	0.00437032
C-31623	-5	1.33352	0.00547653	0.01046942	0.00695588	0.00778291	0.00618321
C-39811	-4	1.25893	0.00785649	0.01647484	0.01050309	0.01195560	0.00912566
C-50119	-3	1.18850	0.01173009	0.02617619	0.01643759	0.01892446	0.01401169
C-63096	-2	1.12202	0.01819362	0.04134826	0.02640838	0.03047883	0.02225524
C-79433	-1	1.05925	0.02919612	0.06403968	0.04299509	0.04920470	0.03623804
1-00000	0	1.00000	0.04814487	0.09619163	0.06986230	0.07839753	0.05973893
1-25893	1	0.94406	0.08074564	0.13910119	0.11148971	0.12152606	0.09816916
1-58489	2	0.89125	0.13575215	0.19291906	0.17212892	0.18117175	0.15803272
1-99526	3	0.84140	0.22447591	0.25640937	0.23395264	0.25773154	0.24686651
2-51189	4	0.79433	0.35652702	0.32709423	0.35508660	0.34353494	0.35955685
3-16228	5	0.74989	0.52955909	0.40172435	0.46882025	0.44159386	0.49475600

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 3-
 BIAS ON ROOT MEAN SQUARE NOISE = 11.665446

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB- ACQ- FLUCTUATING TARGET	DET. PROB- FLUCTUATING TARGET CASE 1	DET. PROB- FLUCTUATING TARGET CASE 2	DET. PROB- FLUCTUATING TARGET CASE 3	DET. PROB- FLUCTUATING TARGET CASE 4
3.98107	6	0.70795	0.71742252	0.47688377	0.58494484	0.54890349	0.63475915
5.01187	7	0.66834	0.87330038	0.54952333	0.69280335	0.64420990	0.76079272
6.30958	8	0.63096	0.96270443	0.61729684	0.78441421	0.72859304	0.85898401
7.94329	9	0.59566	0.99390508	0.67867873	0.85610256	0.79915874	0.92527200
10.00000	10	0.56234	0.99955469	0.73291154	0.90824153	0.85532387	0.96428665
12.58926	11	0.53088	0.99998898	0.77985797	0.94381203	0.89818483	0.98450319
15.84854	12	0.50115		0.81982191	0.96678192	0.92975675	0.99383922
19.95263	13	0.47315		0.65338095	0.98094130	0.95233962	0.99773320
25.11687	14	0.44668		0.88125198	0.98933703	0.96810656	0.99921998
31.62279	15	0.42170		0.50419361	0.99415777	0.97889904	0.99974645
35.21073	16	0.39811		0.52294277	0.99685369	0.98616862	0.99992140
50.11874	17	0.37584		0.53817768	0.99832924	0.99100190	
63.09575	18	0.35491		0.55050019	0.99912288	0.99418186	
79.43284	19	0.33497		0.56043040	0.99934376	0.99625643	
100.00001	20	0.31623		0.56840929	0.99976445	0.99760079	
125.89255	21	0.29854		0.57480528	0.99987911	0.99846722	
158.48932	22	0.28184		0.57992280	0.99993826	0.99902323	
199.52623	23	0.26607		0.58401137		0.99937880	
251.18863	24	0.25119		0.58727400		0.99960557	
308.10711	25	0.23714		0.58987501		0.99974989	
501.18714	26	0.22387		0.59194710		0.99984156	
630.95719	27	0.21135		0.59359686		0.99989969	
794.32801	28	0.19953		0.59490967		0.99993656	
999.99567	29	0.18236		0.59595400			
1258.92454	30	0.17783		0.59678450			
1584.89253	31	0.17083		0.59744479			
1995.26140	32	0.15849		0.59795969			
2511.68516	33	0.14563		0.59838684			
3081.06912	34	0.14125		0.59871836			
5011.86284	35	0.13335		0.59898178			
6309.56279	36	0.12589		0.59919108			
7943.27612	37	0.11885		0.59935740			
9995.99170	38	0.11220		0.59958954			
12589.	39	0.10593		0.59959449			
	40	0.10000		0.59967780			
	41	0.09441		0.59974409			

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 11.665446

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
15849.	42	0.08913		0.99979674			
19953.	43	0.08414		0.99983855			
25119.	44	0.07943		0.99987174			
31623.	45	0.07499		0.99989813			
39811.	46	0.07079		0.99991904			

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 19.535573

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-10000	-10	1.77828	0.00000285	0.00000532	0.00000342	0.00000378	0.00000311
C-12589	-9	1.67880	0.00000381	0.00000904	0.00000492	0.00000567	0.00000431
C-15849	-8	1.58489	0.00000535	0.00001696	0.00000760	0.00000921	0.00000634
C-19953	-7	1.49624	0.00000793	0.00003503	0.00001267	0.00001631	0.00000995
C-25119	-6	1.41254	0.00001245	0.00007849	0.00002294	0.00003155	0.00001678
C-31623	-5	1.33352	0.00002079	0.00018675	0.00004514	0.00006643	0.00003049
C-39811	-4	1.25893	0.00003706	0.00045906	0.00009620	0.00015069	0.00005983
C-50119	-3	1.18850	0.00007063	0.00113242	0.00022010	0.00036184	0.00012665
C-63096	-2	1.12204	0.00014406	0.00272658	0.00053209	0.00089835	0.00028736
C-79433	-1	1.05925	0.00031412	0.00625827	0.00133006	0.00224426	0.00049106
1-00000	0	1.00000	0.00072904	0.01345330	0.00334855	0.00548530	0.00173134
1-25893	1	0.94406	0.00178707	0.02678513	0.00825369	0.01278187	0.00441575
1-58489	2	0.89125	0.00456868	0.04914598	0.01937950	0.02780342	0.01115172
1-99526	3	0.84140	0.01195528	0.08311796	0.04233760	0.05663245	0.02705661
2-51189	4	0.79433	0.03119320	0.13009524	0.08457723	0.10159852	0.06122577
3-16228	5	0.74989	0.07836241	0.18967646	0.15295650	0.16910209	0.12595594
3-98107	6	0.70795	0.18136964	0.25962619	0.24976237	0.25749218	0.23129606
5-01187	7	0.66834	0.36752117	0.33639123	0.36966927	0.36135690	0.37581036
6-30957	8	0.63096	0.62055931	0.41590052	0.50035993	0.47200902	0.54119312
7-94328	9	0.59566	0.84963133	0.49432470	0.62690368	0.58002466	0.69871445
10-00000	10	0.56234	0.96821953	0.56858748	0.73704933	0.67775740	0.82420478
12-58925	11	0.53088	0.99727628	0.63657913	0.82434582	0.76063097	0.90871538
15-84893	12	0.50119	0.99993316	0.69713271	0.88815863	0.82716611	0.95752794
19-95242	13	0.47315		0.74986146	0.93170867	0.87820628	0.98211450
25-11886	14	0.44668		0.79494633	0.95975659	0.91591630	0.99310294
31-62277	15	0.42170		0.83293177	0.97699899	0.94293344	0.99753506
36-81071	16	0.39811		0.86455870	0.98717663	0.96181104	0.99917410
50-11872	17	0.37584		0.89064218	0.99299635	0.97473648	0.99973778
63-09572	18	0.35481		0.91199070	0.99623873	0.98344287	0.99992037
75-43280	19	0.33497		0.92935768	0.99800748	0.98923066	
99-99997	20	0.31623		0.94341721	0.99895607	0.99303785	
125-89250	21	0.29854		0.95475510	0.99945791	0.99552113	
158-48926	22	0.28184		0.96386997	0.99972051	0.99712997	
199-52615	23	0.26607		0.97117972	0.99985673	0.99816666	
251-18852	24	0.25115		0.97703038	0.99992689	0.99883182	
316-22760	25	0.23714		0.98170583		0.99925715	

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 5.
 BIAS ON ROOT MEAN SQUARE NOISE = 19.535573

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO C8	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB- FLUCTUATING TARGET CASE 1	DET. PROB- FLUCTUATING TARGET CASE 2	DET. PROB- FLUCTUATING TARGET CASE 3	DET. PROB- FLUCTUATING TARGET CASE 4
398.10655	26	0.22387		0.58543757		0.99952837	
501.18693	27	0.21135		0.58841316		0.99970095	
630.95693	28	0.19953		0.59078389		0.99981058	
794.32768	29	0.18836		0.59267158		0.99988010	
999.99926	30	0.17783		0.59417390		0.99992416	
1258.92442	31	0.16788		0.59536903			
1504.89188	32	0.15849		0.59631955			
1995.26056	33	0.14962		0.59707526			
2511.88412	34	0.14125		0.59767601			
3162.27460	35	0.13335		0.59815349			
3981.06769	36	0.12589		0.59853297			
5011.86707	37	0.11885		0.59883449			
6309.56653	38	0.11220		0.59907409			
7943.27325	39	0.10593		0.59926445			
9999.98816	40	0.10000		0.59941565			
12585.	41	0.09441		0.59953581			
15849.	42	0.08913		0.59963127			
19953.	43	0.08414		0.59970712			
25119.	44	0.07943		0.59976732			
31623.	45	0.07499		0.59981518			
39811.	46	0.07079		0.59985316			
50119.	47	0.06683		0.59988338			
63096.	48	0.06310		0.59990736			

PULSES INTEGRATED INCOMERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 24.579130

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
0.10000	-10	1.77828	0.00000004	0.00000012	0.00000006	0.00000007	0.00000004
0.12589	-9	1.67880	0.00000005	0.00000024	0.00000009	0.00000011	0.00000007
0.15849	-8	1.58489	0.00000008	0.00000057	0.00000016	0.00000021	0.00000011
0.19953	-7	1.49624	0.00000013	0.00000150	0.00000030	0.00000044	0.00000019
0.25119	-6	1.41254	0.00000025	0.00000443	0.00000063	0.00000105	0.00000038
0.31623	-5	1.33352	0.00000045	0.00001404	0.00000151	0.00000279	0.00000030
0.39811	-4	1.25893	0.00000090	0.00004610	0.00000402	0.00000816	0.00000190
0.50119	-3	1.18850	0.00000196	0.00015105	0.00001173	0.00002574	0.00000489
0.63096	-2	1.12202	0.00000466	0.00047693	0.00003696	0.00008480	0.00001384
0.75433	-1	1.05925	0.00001206	0.00140924	0.00012203	0.00028167	0.00004247
1.00000	0	1.00000	0.00003389	0.00381270	0.00040847	0.00091018	0.00013853
1.25893	1	0.94406	0.00010279	0.00931847	0.00133728	0.00276754	0.00046731
1.58489	2	0.89125	0.00033320	0.02045789	0.00413415	0.00771071	0.00157636
1.99526	3	0.84140	0.00113507	0.04037807	0.01170537	0.01930580	0.00512161
2.51189	4	0.79433	0.00396352	0.07205185	0.02966210	0.04299854	0.01543207
3.16228	5	0.74989	0.01370353	0.11725815	0.06633415	0.08499630	0.04168244
3.98107	6	0.70795	0.04478858	0.17584006	0.13027766	0.14375899	0.09831244
5.01187	7	0.66834	0.13051096	0.24561190	0.22543013	0.23733480	0.19936056
6.30957	8	0.63096	0.31675716	0.32290762	0.34701088	0.34237625	0.34637904
7.94328	9	0.59566	0.59980329	0.40345614	0.48185939	0.45561732	0.52001207
10.00000	10	0.56234	0.85878064	0.48321407	0.61348700	0.56883749	0.68717384
12.58925	11	0.53088	0.97727396	0.55892318	0.72828540	0.66781036	0.81982318
15.84893	12	0.50119	0.99882553	0.62834235	0.81911694	0.75346157	0.90797491
19.95262	13	0.47315	0.99998745	0.69022256	0.88527162	0.82218719	0.95793695
25.11886	14	0.44668		0.74413459	0.93021623	0.87484475	0.98261765
31.62277	15	0.42170		0.79024459	0.95903694	0.91369374	0.99341304
39.81071	16	0.39811		0.82909966	0.97665972	0.94148605	0.99768303
50.11872	17	0.37584		0.86145283	0.98702441	0.96087851	0.99923448
63.09572	18	0.35481		0.88813594	0.99293067	0.97614012	0.99975988
79.43280	19	0.33497		0.90997510	0.99621133	0.98306338	0.99706917
99.99957	20	0.31623		0.92774101	0.99799642	0.98898999	0.99992782
125.89250	21	0.29854		0.94212314	0.99895176	0.99288553	
158.48926	22	0.28184		0.95372093	0.99945631	0.99542487	
199.52615	23	0.26007		0.96304458	0.99971995	0.99706917	
251.18852	24	0.25119		0.97052164	0.99985655	0.99812829	
316.22760	25	0.23714		0.97650602	0.99992684	0.99880763	

PULSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 24.579130

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
398.16695	26	C-22387		0.58128836		0.99924188	
501.18693	27	0.21135		0.58510535		0.99951873	
630.95493	28	0.19953		0.58814885		0.99969488	
754.32768	29	C-18836		0.59057370		0.99980673	
999.99526	30	0.17783		0.59250446		0.99987767	
1258.92442	31	0.16788		0.59404104		0.99992263	
1584.89188	32	0.15849		0.59526347			
1995.26058	33	0.14562		0.59623562			
2511.88412	34	C-14125		0.59700859			
3162.27460	35	0.13335		0.59762303			
3981.66769	36	C-12589		0.59811141			
5011.86707	37	0.11865		0.59849951			
6309.56653	38	C-11220		0.59880792			
7943.27325	39	0.10593		0.59905299			
9999.98816	40	0.10000		0.59924766			
12589.	41	C-09441		0.59940234			
15849.	42	C-08913		0.59952525			
19953.	43	0.08414		0.59962288			
25119.	44	0.07943		0.59970041			
31623.	45	0.07499		0.59976203			
39811.	46	C-07079		0.59981093			
50119.	47	0.06683		0.59984986			
63096.	48	0.06310		0.59988672			
79433.	49	0.05957		0.59990524			

PLPSES INTEGRATED INCOHERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 29.538257

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO [8	NORMALIZED RANGE	DET. PRCB. ACN- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C-1CCCC	-10	1.77828	0.00000000	0.00000001	0.00000001	0.00000001	0.00000000
C-12589	-9	1.67880	0.00000001	0.00000001	0.00000001	0.00000001	0.00000000
C-15845	-8	1.58485	0.00000001	0.00000002	0.00000001	0.00000001	0.00000000
C-19553	-7	1.49624	0.00000000	0.00000007	0.00000001	0.00000001	0.00000001
C-25119	-6	1.41254	0.00000000	0.00000027	0.00000002	0.00000004	0.00000001
C-31623	-5	1.33352	0.00000001	0.00000110	0.00000005	0.00000012	0.00000002
C-39811	-4	1.25893	0.00000001	0.00000481	0.00000016	0.00000045	0.00000005
C-50119	-3	1.18850	0.00000004	0.00002084	0.00000061	0.00000183	0.00000012
C-63056	-2	1.12202	0.00000013	0.00008590	0.00000250	0.00000799	0.00000063
C-79433	-1	1.05925	0.00000041	0.00032535	0.00001085	0.00003514	0.00000243
1.00000	0	1.00000	0.00000137	0.00110358	0.00004811	0.00014964	0.00001023
1.27893	1	C.94406	0.00000054	0.00329968	0.00020854	0.00059223	0.00004515
1.56489	2	C.89125	0.00000021	0.00864182	0.00034670	0.00210769	0.00020317
1.90526	3	C.84140	0.00008749	0.01985387	0.00310145	0.00659085	0.00088009
2.01189	4	C.79433	0.00039864	0.04030183	0.00996067	0.01787978	0.00352176
3.16228	5	C.74589	0.00185007	0.07307506	0.02754973	0.04194938	0.01248396
3.98107	6	C.70795	0.00835343	0.11987264	0.06516120	0.08553165	0.03790618
5.01187	7	C.66834	0.03453229	0.18027720	0.13214493	0.15316152	0.09646031
6.30557	8	C.63096	0.12111525	0.25177178	0.23215182	0.24429820	0.20402067
7.94720	9	C.59566	0.33050845	0.33041299	0.35885580	0.35260908	0.36056565
10.00000	10	C.56234	0.64978404	0.41177946	0.49723323	0.46797485	0.54171913
12.58525	11	C.53088	0.90515397	0.49181036	0.62978794	0.57985127	0.71033352
15.84893	12	C.50119	0.99072083	0.56732576	0.74313839	0.68008374	0.83876315
19.95262	13	C.47315	0.99979001	0.63620897	0.83113315	0.76414375	0.92047773
25.11886	14	C.44668	0.99999937	0.69734131	0.89411228	0.83089623	0.96487194
31.62277	15	C.42170		0.75040570	0.93624285	0.88158527	0.98592009
35.81071	16	C.39811		0.79565254	0.96290068	0.91469871	0.99480984
50.11872	17	C.37584		0.83368504	0.97901753	0.94508132	0.99821762
63.09572	18	C.35481		0.86528899	0.98840734	0.96339382	0.99942302
75.43280	19	C.33497		0.89131120	0.99371643	0.97586316	0.99982209
99.99957	20	C.31623		0.91258122	0.99664658	0.98422405	0.99994728
125.89250	21	C.29854		0.92986561	0.99823266	0.98978144	
158.48920	22	C.28184		0.94384597	0.99907792	0.99339288	
199.52615	23	C.26607		0.95511207	0.99952281	0.99575568	
251.18852	24	C.25119		0.96416412	0.99975464	0.99728344	
316.22760	25	C.23714		0.97142012	0.99987450	0.99825633	

PULSES INTEGRATED INCOMERENTLY = 3
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 29.538257

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB- ACN- FLUCTUATING TARGET	DET. PRCB- FLUCTUATING TARGET CASE 1	DET. PRCB- FLUCTUATING TARGET CASE 2	DET. PRCB- FLUCTUATING TARGET CASE 3	DET. PRCB- FLUCTUATING TARGET CASE 4
398.10655	26	C-223E7		0.57722563	0.99993607	0.99889617	
501.18693	27	C-21135		0.58186374		0.99929848	
630.95693	28	C-19953		0.58556475		0.99955484	
794.32768	29	C-18836		0.58851526		0.99971783	
999.99926	30	C-17783		0.59086571		0.99982130	
1258.92442	31	C-16788		0.59273701		0.99988694	
1584.89188	32	C-15849		0.59422617		0.99992850	
1995.26056	33	C-14962		0.59541074			
2511.88412	34	C-14125		0.59635276			
3162.27460	35	C-13335		0.59710172			
3981.06769	36	C-12589		0.59769709			
5011.86707	37	C-11885		0.59817026			
6305.56653	38	C-11220		0.59854630			
7943.27325	39	C-10593		0.59884510			
9999.98816	40	C-10000		0.59908249			
12589.	41	C-09441		0.59927112			
15849.	42	C-08913		0.59942100			
19953.	43	C-08414		0.59954008			
25119.	44	C-07943		0.59963462			
31623.	45	C-07459		0.59970977			
39811.	46	C-07079		0.59976942			
50119.	47	C-06683		0.59981688			
63056.	48	C-06310		0.59985452			
79433.	49	C-05957		0.59988444			
100000.	50	C-05623		0.59990819			

PULSES INTEGRATED INCONHERENTLY = 5
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 10.003152

SIGNAL IC NCISE RATIO	SIGNAL IC NCISE RATIO dB	NORMALIZED RANGE	DET. PROC. NCN- FLUCTUATING TARGET	DET. PROC. FLUCTUATING TARGET CASE 1	DET. PROC. FLUCTUATING TARGET CASE 2	DET. PROC. FLUCTUATING TARGET CASE 3	DET. PROC. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.06734513	0.06734565	0.06734521	0.06734539	0.06734517
C-00126	-29	5.30884	0.06744324	0.06744403	0.06744339	0.06744365	0.06744332
C-00158	-28	5.01187	0.06756686	0.06756809	0.06756707	0.06756750	0.06756698
C-00200	-27	4.73151	0.06772264	0.06772458	0.06772297	0.06772363	0.06772291
C-00251	-26	4.46684	0.06791898	0.06792204	0.06791950	0.06792054	0.06791925
C-00316	-25	4.21696	0.06816652	0.06817136	0.06816735	0.06816898	0.06816694
C-00358	-24	3.98107	0.06847875	0.06848642	0.06848004	0.06848262	0.06847940
C-00501	-23	3.75837	0.06887274	0.06888487	0.06887478	0.06887884	0.06887377
C-00631	-22	3.54813	0.06937021	0.06938937	0.06937742	0.06937954	0.06937183
C-00754	-21	3.34965	0.06999820	0.07002907	0.07000388	0.07001400	0.07000135
C-01000	-20	3.16228	0.07079381	0.07084158	0.07080183	0.07081751	0.07079782
C-01259	-19	2.98538	0.07180046	0.07187577	0.07181312	0.07183833	0.07180680
C-01585	-18	2.81838	0.07307690	0.07319544	0.07309689	0.07313660	0.07308630
C-01995	-17	2.66072	0.07469828	0.07488449	0.07472979	0.07479226	0.07471406
C-02512	-16	2.51189	0.07676227	0.07705384	0.07681185	0.07690988	0.07678711
C-03162	-15	2.37137	0.07939657	0.07985128	0.07947441	0.07962775	0.07943532
C-03981	-14	2.23872	0.08276936	0.08347439	0.08289123	0.08312997	0.08283050
C-05012	-13	2.11345	0.08710390	0.08818821	0.08729389	0.08766323	0.08719912
C-06310	-12	1.99526	0.09269891	0.09434739	0.09259337	0.09355953	0.09284705
C-07543	-11	1.88365	0.09959733	0.10242267	0.10040984	0.10126637	0.10018553
C-10000	-10	1.77826	0.10942645	0.11302737	0.11011342	0.11138456	0.10977409
C-12589	-9	1.67880	0.12185324	0.12693537	0.12287755	0.12471112	0.12237423
C-15849	-8	1.58489	0.13825842	0.14507387	0.13974477	0.14227788	0.13902012
C-19553	-7	1.49624	0.16002928	0.16846849	0.16209631	0.16536503	0.16110075
C-25119	-6	1.41254	0.18902200	0.19811842	0.19170195	0.19545238	0.19043654
C-31623	-5	1.33352	0.22763957	0.23479750	0.23069525	0.23405857	0.22930449
C-39811	-4	1.25893	0.27880167	0.27881346	0.28137852	0.28242639	0.28031603
C-50119	-3	1.18850	0.34563603	0.32979836	0.34572862	0.34106693	0.34598940
C-63056	-2	1.12202	0.43061595	0.38661902	0.42451319	0.40927611	0.42782970
C-79433	-1	1.05925	0.53385215	0.44746542	0.51613107	0.48484248	0.52486648
C-00000	0	1.00000	0.65061482	0.51010420	0.61568426	0.56416515	0.63207050
C-15849	1	0.94406	0.76931013	0.57221809	0.71513123	0.64294781	0.73980191
C-89125	2	0.89125	0.87277613	0.63172708	0.80512685	0.71658709	0.83576472
C-19552	3	0.84140	0.94548687	0.68701093	0.87805814	0.78201129	0.90959912
C-79433	4	0.79433	0.98352613	0.73700426	0.93059114	0.83716917	0.95751679
C-16228	5	0.74589	0.99690986	0.78117931	0.96412925	0.88157018	0.98324107

PULSES INTEGRATED INCOHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 10.003152

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	C-70755	0.99969551	0.81945676	0.98313746	0.91587967	0.99451054
5.01187	7	C-66834	0.99998730	0.85208613	0.99275390	C-94146781	0.99851288
6.30958	8	C-63096		0.87952731	0.99713133	0.95998328	0.99966585
7.94329	9	C-59566		0.50235057	0.99894633	0.97304477	0.99993717
10.00000	10	C-56234		0.52116220	0.99637334	0.98206604	
12.58926	11	C-53088		0.93655407	C-99986192	0.98818918	
15.84894	12	C-50119		0.54907347	0.99996333	0.99228644	
19.95263	13	C-47315		0.55920811		0.99497644	
25.11887	14	C-44668		0.56738089		0.97677214	
31.62270	15	C-42170		0.57395138		0.99792694	
39.81013	16	C-39811		0.57922089		0.98367333	
50.11874	17	C-37584		0.58343875		0.59915340	
63.09575	18	C-35481		0.58680350		0.99946102	
75.43284	19	C-33497		0.58949995		0.99965746	
100.00000	20	C-31623		0.59164332		0.99978265	
121.09255	21	C-29854		0.59333465		0.99986222	
158.48932	22	C-28184		0.59471374		0.99991270	
199.52623	23	C-26607		0.59579893			
251.18263	24	C-25119		0.59666071			
316.22773	25	C-23714		0.59734609			
392.10711	26	C-22387		0.59789098			
501.18714	27	C-21135		0.59832418			
630.95719	28	C-19953		0.59866848			
759.32801	29	C-18836		0.59894208			
999.99947	30	C-17783		0.59915951			
1252.92454	31	C-16788		0.59933232			
1584.59253	32	C-15949		0.59946957			
1995.26140	33	C-14562		0.59957862			
2411.88516	34	C-14125		0.59966525			
2862.27573	35	C-13335		0.59973407			
3381.06512	36	C-12589		0.59978378			
3941.84884	37	C-11885		0.59983221			
4505.56879	38	C-11220		0.59986671			
5097.27612	39	C-10593		0.59989416			
5995.59170	40	C-10000		0.59991551			

PULSES INTEGRATED INCOMHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 16.963002

SIGNAL TO ACISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	C-00070146	C-00070151	C-00070148	C-00070149	C-00070147
C-00126	-29	5.30884	C-00070369	C-00070376	C-00070371	C-00070373	C-00070370
C-00158	-28	5.01187	C-00070651	C-00070661	C-00070653	C-00070656	C-00070652
C-00200	-27	4.73151	C-00071006	C-00071021	C-00071009	C-00071014	C-00071015
C-00251	-26	4.46684	C-00071456	C-00071479	C-00071460	C-00071467	C-00071455
C-00316	-25	4.21596	C-00072024	C-00072061	C-00072031	C-00072043	C-00072047
C-00398	-24	3.98107	C-00072744	C-00072804	C-00072754	C-00072774	C-00072764
C-00501	-23	3.75837	C-00073657	C-00073753	C-00073674	C-00073705	C-00073695
C-00631	-22	3.54813	C-00074818	C-00074972	C-00074844	C-00074846	C-00074851
C-00754	-21	3.34565	C-00076298	C-00076545	C-00076339	C-00076420	C-00076314
C-01000	-20	3.16228	C-00078190	C-00078588	C-00078255	C-00078366	C-00078227
C-01259	-19	2.98538	C-00080618	C-00081263	C-00080722	C-00080934	C-00080670
C-01585	-18	2.81838	C-00083749	C-00084801	C-00083917	C-00084261	C-00084352
C-01955	-17	2.66072	C-00087810	C-00089537	C-00088843	C-00088645	C-00088792
C-02512	-16	2.51189	C-00093118	C-00095975	C-00093562	C-00094444	C-00094334
C-03162	-15	2.37137	C-00100116	C-00104891	C-00100845	C-00102341	C-00100477
C-03481	-14	2.23872	C-00109444	C-00117516	C-00110652	C-00113228	C-00110041
C-05012	-13	2.11349	C-00122041	C-00135870	C-00124063	C-00128437	C-00123033
C-06310	-12	1.99526	C-00139327	C-00163367	C-00142748	C-00150760	C-00141013
C-07943	-11	1.88365	C-00163488	C-00205024	C-00169363	C-00182430	C-00166304
C-10000	-10	1.77828	C-00198004	C-00274010	C-00208240	C-00231642	C-00203001
C-12589	-9	1.67880	C-00246552	C-00386281	C-00266694	C-00308441	C-00257374
C-15849	-8	1.58485	C-00324679	C-00575743	C-00357349	C-00434666	C-00340527
C-19553	-7	1.49624	C-00428877	C-00899168	C-00502831	C-00645259	C-00471842
C-25119	-6	1.41254	C-00632478	C-01449265	C-00743786	C-01005773	C-00646147
C-31623	-5	1.33352	C-00946700	C-02365882	C-01154785	C-01628886	C-01047354
C-36811	-4	1.25893	C-01483984	C-03838018	C-01871272	C-02698844	C-01672814
C-50119	-3	1.18850	C-02427495	C-06085974	C-03132553	C-04490140	C-02776747
C-63096	-2	1.12202	C-04114650	C-09318069	C-05336724	C-07363863	C-04735217
C-79433	-1	1.05925	C-07144289	C-13670339	C-09078891	C-11699527	C-08167244
C-00000	C	1.00000	C-12494455	C-19152263	C-15099447	C-17779852	C-13948145
C-25893	1	0.94406	C-21511271	C-25624103	C-24041841	C-25639407	C-23040029
C-58489	2	0.89125	C-35423416	C-32817278	C-36004112	C-34470150	C-35938970
C-99526	3	0.84140	C-54002149	C-40388331	C-50115967	C-45156584	C-5186822
C-51189	4	0.79433	C-73942421	C-47983996	C-64573178	C-55424634	C-68413610
C-16228	5	0.74989	C-89568472	C-55295551	C-77323573	C-65045066	C-82442307

PLUSES INTEGRATED INCOHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 3-
 BIAS ON ROOT MEAN SQUARE NOISE = 16.963002

SIGNAL TC NCISE RATIO	SIGNAL TC NCISE RATIO DB	NORMALIZED RANGE	DET. PRCS- NON- FLUCTUATING TARGET	DET. PRCS- FLUCTUATING TARGET CASE 1	DET. PRCS- FLUCTUATING TARGET CASE 2	DET. PRCS- FLUCTUATING TARGET CASE 3	DET. PRCS- FLUCTUATING TARGET CASE 4
3.98107	6	C.70795	0.97481171	0.62090833	0.86984760	0.73488756	0.91932714
5.01187	7	0.66834	0.59701867	0.68223325	0.93299141	0.80488893	0.96983027
6.30958	8	C.63096	0.99986774	0.73624466	0.96890009	0.86015435	0.99086776
7.94329	9	0.59566	0.59959844	0.18287194	0.98688146	0.90202121	0.99775456
1C.00000	10	0.56234		0.62247243	C.99491995	0.93266388	0.99954655
12.58926	11	C.53088		C.85566216	C.99817452	0.95446201	0.99992356
15.84894	12	C.50119		0.88319248	C.99938478	0.96961074	
19.95263	13	C.47315		0.50590587	0.99980359	0.97994017	
25.11887	14	0.44668		0.52427526	0.99994007	0.98687575	
31.62279	15	C.42170		0.53926990		0.99147508	
35.81073	16	C.39811		0.55138968		C.99449470	
5C.11874	17	0.37584		0.56115111		0.99646129	
63.09575	18	C.35481		0.56899083		0.98773394	
75.43284	19	C.33491		0.57527298		0.99855320	
1CC.CCC01	20	C.31623		0.58029804		0.99907854	
125.89255	21	0.29854		0.58431177		0.99941422	
158.48932	22	0.28184		0.58751409		0.99962820	
199.52623	23	C.26607		0.59009667		0.99976429	
251.18863	24	C.25119		0.59209996		0.99985072	
316.22773	25	C.23714		0.59371865		0.99990550	
398.10711	26	0.22387		0.59500661			
501.18714	27	C.21135		0.59603116			
63C.95719	28	0.19953		0.59684588			
794.32801	29	C.18836		0.59749359			
995.95967	30	C.17783		0.59800847			
1258.92454	31	0.16782		0.59841771			
1584.89253	32	C.15849		0.59874290			
1995.26140	33	0.14962		0.59900127			
2511.88516	34	C.14125		0.59920657			
3162.27573	35	C.13335		0.59936967			
3981.06512	36	0.12580		0.59949931			
5011.86884	37	C.11885		0.59960225			
6305.56879	38	C.11220		0.59968404			
7943.27612	39	C.10593		0.59974906			
9995.99170	40	C.10000		0.59980063			
12589.	41	C.09441		0.59984163			

PULSES INTEGRATED INCOHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 16.963002

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
15849.	42	0.08913		0.59987416			
19953.	43	0.08414		0.59990004			

PULSES INTEGRATED INCOHERENTLY = 5
 FALSE ALARM NUMBER = 10 TO THE POWER 6
 BIAS ON ROOT MEAN SQUARE NOISE = 25.863193

SIGNAL TO ACISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C.10000	-10	1.77828	0.00000395	0.00001255	0.00000462	0.00000664	0.00000476
C.12589	-9	1.67880	0.00000571	0.00000281	0.00000710	0.00001172	0.00000635
C.15849	-8	1.58489	0.00000879	0.00000636	0.00001183	0.00002305	0.00001016
C.19953	-7	1.49624	0.00001450	0.00001609	0.00002153	0.00005034	0.00001758
C.25119	-6	1.41254	0.00002575	0.00004216	0.00004296	0.00012044	0.00003317
C.31623	-5	1.33352	0.00004944	0.00010286	0.00009394	0.00030827	0.00006804
C.39811	-4	1.25893	0.00010287	0.00027613	0.00022362	0.00081808	0.00015233
C.50119	-3	1.18850	0.00023176	0.000661204	0.00057119	0.00217408	0.00036928
C.63096	-2	1.12202	0.00056362	0.001452008	0.00153081	0.00559377	0.00095695
C.79423	-1	1.05925	0.00146192	0.002921338	0.00417873	0.01353674	0.00259732
1.00000	0	1.00000	0.00399678	0.05371899	0.01122249	0.03015294	0.00717819
1.25853	1	0.94406	0.01124562	0.09053352	0.02959864	0.08101094	0.01950356
1.58489	2	0.89125	0.03152907	0.14071497	0.06897752	0.11155498	0.05007745
1.99526	3	0.84140	0.08435058	0.20337386	0.13974127	0.18460465	0.11674898
2.51189	4	0.79433	0.2033517	0.37580459	0.25659532	0.27830009	0.23867857
3.16228	5	0.74989	0.41895631	0.35414420	0.41199140	0.38596208	0.41791184
3.98107	6	0.70795	0.69209903	0.43422695	0.58225985	0.49807221	0.62258067
5.01107	7	0.66834	0.90345113	0.51231442	0.73632679	0.60517702	0.79955901
6.30957	8	0.63096	0.98629563	0.58553370	0.85251524	0.70020159	0.91530947
7.94328	9	0.59566	0.99937434	0.65201571	0.92658456	0.77939329	0.97160217
10.00000	10	0.56234	0.99999405	0.71081702	0.96718781	0.84202757	0.99242680
12.58925	11	0.53088	0.93088	0.76172909	0.98668151	0.89946902	0.99371184
15.84893	12	0.50119	0.84668	0.80505823	0.99502923	0.92414983	0.99971220
19.95262	13	0.47315	0.7315	0.84142649	0.99827318	0.94877928	0.99955719
25.11886	14	0.44668	0.62170	0.87161431	0.99943524	0.96586487	
31.62277	15	0.42170	0.539811	0.89644952	0.99982433	0.97749477	
50.11872	16	0.39811	0.39811	0.91673611	0.99994756	0.98529129	
63.09372	17	0.37584	0.37584	0.93321306		0.99045430	
79.43280	18	0.35481	0.35481	0.94653501		0.99384007	
99.99997	19	0.33497	0.33497	0.95726719		0.99604204	
125.89250	20	0.31623	0.31623	0.96588819		0.99746728	
158.48926	21	0.29854	0.29854	0.97279735		0.99838365	
199.52615	22	0.28184	0.28184	0.97832453		0.99897086	
251.18852	23	0.26607	0.26607	0.98273967		0.99934554	
316.22760	24	0.25119	0.25119	0.98626252		0.99958497	
	25	0.23714	0.23714	0.98907079		0.99973695	

PULSES INTEGRATED INCOHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN CLARE NOISE = 25.863193

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
398.10695	26	0.22387		0.59120771		0.99983339	
501.18693	27	0.21135		1.59300002		0.99999459	
630.95693	28	0.19953		0.59450575		0.99993335	
794.32768	29	0.18836		0.59563299			
994.99926	30	0.17783		0.59652945			
1258.92442	31	0.16788		0.59724718			
1584.89188	32	0.15845		0.59780867			
1995.26056	33	0.14962		0.59825894			
2511.82412	34	0.14125		0.59861673			
3162.27460	35	0.13335		0.59897102			
3981.06769	36	0.12589		0.59912699			
5011.86707	37	0.11885		0.59930646			
6305.56653	38	0.11220		0.59944906			
7943.27325	39	0.10593		0.59956114			
9995.98816	40	0.10000		0.59965234			
12589.	41	0.09441		0.59972384			
15849.	42	0.08913		0.59978558			
19953.	43	0.08414		0.59982572			
25115.	44	0.07943		0.59986160			
31623.	45	0.07495		0.59989001			
39811.	46	0.07079		0.59991262			

PULSES INTEGRATED INCOHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 8-
 BIAS ON ROOT MEAN SQUARE NOISE = 31.400713

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRGB- NON- FLUCTUATING TARGET	DET. PRGB- FLUCTUATING TARGET CASE 1	DET. PRGB- FLUCTUATING TARGET CASE 2	DET. PRGB- FLUCTUATING TARGET CASE 3	DET. PRGB- FLUCTUATING TARGET CASE 4
0.10000	-10	1.77828	0.00000006	0.00000040	0.00000008	0.00000014	0.00000006
0.12589	-9	1.67880	0.00000010	0.00000015	0.00000013	0.00000030	0.00000011
0.15849	-8	1.58489	0.00000016	0.00000032	0.00000025	0.00000074	0.00000020
0.19953	-7	1.49624	0.00000029	0.000001294	0.00000054	0.00000209	0.00000039
0.25119	-6	1.41254	0.00000058	0.00000632	0.00000130	0.00000667	0.00000066
0.31623	-5	1.33352	0.00000129	0.000016312	0.00000351	0.00002306	0.00000211
0.39811	-4	1.25893	0.00000314	0.00054325	0.00001155	0.00000813	0.00000579
0.50119	-3	1.18850	0.00000844	0.00166027	0.00003551	0.00029879	0.00001764
0.63056	-2	1.12202	0.00002509	0.00456514	0.00012689	0.00102659	0.00005996
0.79433	-1	1.05925	0.00008173	0.01118136	0.00046832	0.00325299	0.00021151
1.00000	0	1.00000	0.00028799	0.02435392	0.00171088	0.00925767	0.00078837
1.25893	1	0.94400	0.00107495	0.06738598	0.00591405	0.02328359	0.00293159
1.58489	2	0.89125	0.00412051	0.18308160	0.01853731	0.05143042	0.01037347
1.99526	3	0.84140	0.0153085	0.13270777	0.05086696	0.09997635	0.03323144
2.51189	4	0.79433	0.05432244	0.19541656	0.11930603	0.17243642	0.09202244
3.16228	5	0.74989	0.16400062	0.26839591	0.23664647	0.26710163	0.21244297
3.98107	6	0.70795	0.39402395	0.34760115	0.39816327	0.37686435	0.40099567
5.01187	7	0.66834	0.70319337	0.42868328	0.57687421	0.49150494	0.62029057
6.30957	8	0.63096	0.92512677	0.5076316	0.73735481	0.60095853	0.80686960
7.94328	9	0.59566	0.99313378	0.58188201	0.85614370	0.69781371	0.92274984
10.00000	10	0.56234	0.99985212	0.64913195	0.93002480	0.77824672	0.97577655
12.58925	11	0.53088	0.99999357	0.70856273	0.96944519	0.84162236	0.99198858
15.84893	12	0.50119		0.75997709	0.98786936	0.88944984	0.99879617
19.95262	13	0.47215		0.80370016	0.99556300	0.92429621	0.99980108
25.11886	14	0.44668		0.84037405	0.99848583	0.94297665	
31.62277	15	0.42170		0.87079771	0.99951234	0.96604444	
39.81071	16	0.39811		0.89561472	0.99985027	0.97764174	
50.11872	17	0.37584		0.91624141	0.99995580	0.98540268	
63.09572	18	0.35481		0.93282647		0.99053460	
75.43280	19	0.33497		0.94623221		0.99385624	
99.99597	20	0.31623		0.95702952		0.99608124	
125.89250	21	0.29854		0.96570119		0.99749296	
158.48926	22	0.28184		0.97265002		0.99840063	
199.52615	23	0.26607		0.97820823		0.99898197	
251.18852	24	0.25119		0.98264782		0.99935316	
316.22760	25	0.23714		0.98618987		0.99958962	

PLPSES INTEGRATED INCONHERENLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 31.400713

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO CB	NORMALIZED RANGE	DET. PRCB. NCA- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
398.10695	26	C.22387	0.58901321	0.58901321		0.99973990	
501.18693	27	C.21135	0.99126217	0.99126217		0.99983532	
630.95693	28	0.19953	0.59305250	0.59305250		0.99989501	
794.32769	29	0.18036	0.59447709	0.59447709		0.99993411	
999.99926	30	C.17783	0.59561030	0.59561030			
1258.92442	31	C.16788	0.59651146	0.59651146			
1584.89188	32	C.15849	0.59722788	0.59722788			
1995.26056	33	0.14962	0.59779733	0.59779733			
2511.88412	34	C.14125	0.59824990	0.59824990			
3162.27460	35	C.13335	0.59860956	0.59860956			
3981.66769	36	C.12589	0.59889539	0.59889539			
5011.86707	37	0.11885	0.59912246	0.59912246			
6309.56653	38	C.11220	0.59930288	0.59930288			
7943.27325	39	C.10593	0.59944626	0.59944626			
9999.98816	40	0.10000	0.59956009	0.59956009			
12589.	41	C.09441	0.59965055	0.59965055			
15845.	42	0.08913	0.59972236	0.59972236			
19953.	43	0.08414	0.59977946	0.59977946			
25119.	44	C.07943	0.59982485	0.59982485			
31623.	45	0.07499	0.59986084	0.59986084			
39811.	46	C.07079	0.59988945	0.59988945			
50119.	47	0.06683	0.59991219	0.59991219			

PULSES INTEGRATED INCOHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 36.769791

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C.10000	-10	1.77828	0.00000001	0.00000001	0.00000001	0.00000001	0.00000000
C.12589	-9	1.67880	0.00000000	0.00000000	0.00000001	0.00000001	0.00000000
C.15849	-8	1.58489	0.00000001	0.00000006	0.00000001	0.00000003	0.00000000
C.19953	-7	1.49624	0.00000001	0.00000013	0.00000001	0.00000010	0.00000001
C.25119	-6	1.41254	0.00000001	0.00000545	0.00000004	0.00000039	0.00000002
C.31623	-5	1.33352	0.00000003	0.00002557	0.00000013	0.00000178	0.00000002
C.39811	-4	1.25893	0.00000009	0.00011141	0.00000049	0.00000067	0.00000007
C.50119	-3	1.18850	0.00000028	0.00043479	0.00000211	0.00004129	0.00000007
C.63096	-2	1.12202	0.00000099	0.00148670	0.00000095	0.00019103	0.00000034
C.79433	-1	1.05925	0.00000393	0.00440651	0.00004930	0.00078804	0.00000154
1.00000	0	1.00000	0.00001747	0.01130994	0.00024344	0.00285047	0.00000774
1.25893	1	0.94406	0.00008433	0.02295546	0.00113537	0.00887220	0.00038874
1.58489	2	0.89125	0.00043036	0.04984598	0.00475190	0.02159242	0.00188093
1.99526	3	0.84140	0.00222651	0.08772776	0.01709462	0.05173804	0.00823570
2.51189	4	0.79433	0.01101966	0.13991782	0.05126310	0.10586901	0.03087039
3.16228	5	0.74989	0.04834273	0.20513234	0.12614570	0.18301552	0.09450857
3.98107	6	0.70795	0.17116691	0.28014645	0.25480796	0.28230612	0.22913843
5.01187	7	0.66834	0.44237360	0.36065412	0.42720096	0.51133425	0.43658046
6.30957	8	0.63096	0.77754366	0.44223498	0.61063343	0.62009107	0.66460911
7.94328	9	0.59566	0.96324249	0.52109291	0.76747911	0.71479205	0.84287209
10.00000	10	0.56234	0.99839172	0.59443915	0.87768338	0.79232901	0.98376210
12.58925	11	0.53088	0.99998929	0.66055951	0.94280116	0.85268311	0.99634392
15.84893	12	0.50119		0.71867903	0.97592205	0.89776445	0.99933214
19.95262	13	0.47315		0.76873724	0.99074940	0.93032936	0.99989839
25.11886	14	0.44668		0.81115359	0.99671192	0.95322722	0.99998670
31.62277	15	0.42170		0.8652727	0.99890503	0.97463002	
39.81071	16	0.39811		0.87598571	0.99965453	0.98673009	
50.11872	17	0.37584		0.9008079	0.99989573	0.99141075	
63.09572	18	0.35481		0.91972452	0.99996964	0.99466905	
79.43280	19	0.33497		0.93565436		0.99645309	
99.99997	20	0.31623		0.94851789		0.99773292	
125.89250	21	0.29854		0.95987032		0.99855478	
158.48526	22	0.28184		0.96717955		0.99908064	
199.52615	23	0.26607		0.97383457		0.99941615	
251.18852	24	0.25119		0.97915573			
316.22760	25	0.23714		0.98340461			

PULSES INTEGRATED INCOHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON RCCT MEAN SQUARE NOISE = 36.769791

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO CB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
398.10695	26	C.22387		0.58673358		0.99962967	
501.18693	27	0.21135		0.58949447		C.99976539	
63C.95693	28	C.19953		0.59164549		0.99985149	
794.32768	29	C.18836		0.59335764		0.99990606	
999.99926	30	0.17783		0.59471994			
1258.92442	31	C.16788		0.59580349			
1584.89188	32	C.15849		0.59666505			
1995.26C56	33	0.14962		0.59734996			
2511.88412	34	C.14125		0.59789438			
3162.27460	35	0.13335		0.59832703			
3981.6769	36	C.12589		0.59867091			
5011.86707	37	C.11885		0.59894409			
6309.56653	38	0.1122C		0.59916117			
7943.27325	39	C.10593		0.59933368			
9999.98816	40	0.10000		0.59947065			
12589.	41	0.09441		0.59957949			
15849.	42	0.08913		0.59966592			
19953.	43	0.08414		0.59973463			
25119.	44	C.07943		0.59978924			
31623.	45	0.07499		0.59983254			
39811.	46	0.07079		0.59986698			
50119.	47	0.06683		0.59989434			
63096.	48	0.0631C		0.59991611			

PULSES INTEGRATED INCOHERENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 15.090706

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.06743935	0.06744024	0.06743944	0.06743987	0.06743935
C-00126	-29	5.30884	0.06756195	0.06756335	0.06756210	0.06756273	0.06756195
C-00158	-28	5.01197	0.06771647	0.06771868	0.06771670	0.06771766	0.06771647
C-00200	-27	4.73151	0.06791127	0.06791477	0.06791162	0.06791310	0.06791127
C-00251	-26	4.46684	0.06815892	0.06816244	0.06815748	0.06815977	0.06815892
C-00316	-25	4.21696	0.06846684	0.06847560	0.06846771	0.06847130	0.06846684
C-00398	-24	3.98107	0.06885306	0.06887191	0.06885944	0.06886508	0.06885306
C-00501	-23	3.75837	0.06935225	0.06937417	0.06935445	0.06936330	0.06935225
C-00631	-22	3.54813	0.06997703	0.07001173	0.06998052	0.06999449	0.06997703
C-00794	-21	3.34965	0.07076778	0.07082264	0.07077328	0.07079535	0.07076778
C-01000	-20	3.16228	0.07176989	0.07185660	0.07177859	0.07181345	0.07176989
C-01259	-19	2.98530	0.07304195	0.07317884	0.07305575	0.07311076	0.07304195
C-01585	-18	2.81834	0.07465958	0.07487574	0.07468177	0.07476857	0.07465958
C-01995	-17	2.66071	0.07672318	0.07706256	0.07675759	0.07689436	0.07672318
C-02512	-16	2.51184	0.07936203	0.07989408	0.07941630	0.07963131	0.07936203
C-03162	-15	2.37131	0.08274952	0.08357958	0.08283494	0.08317183	0.08274952
C-03921	-14	2.23872	0.08711707	0.08640285	0.08725116	0.08777639	0.08711707
C-05012	-13	2.11349	0.09277721	0.09474804	0.09298674	0.09379955	0.09277721
C-06310	-12	1.99526	0.10015596	0.10313005	0.10043129	0.10172500	0.10015596
C-07943	-11	1.88365	0.10983894	0.11422482	0.11033917	0.11221001	0.11090605
C-10000	-10	1.71828	0.12263622	0.12888706	0.12339395	0.12613569	0.12361935
C-12589	-9	1.61880	0.13967073	0.14813496	0.14079174	0.14465103	0.14023866
C-15849	-8	1.50489	0.16249178	0.17307249	0.16408861	0.16918238	0.16330671
C-19553	-7	1.40624	0.19320243	0.20472880	0.19533673	0.20136008	0.19430447
C-25119	-6	1.41254	0.23455724	0.24381854	0.23709527	0.24280039	0.23589445
C-31623	-5	1.33352	0.28951606	0.29047687	0.29223309	0.29470322	0.29119224
C-39811	-4	1.25893	0.36281552	0.34406442	0.36331587	0.35730947	0.35323155
C-50119	-3	1.18250	0.45577145	0.40313578	0.45137710	0.42939855	0.45371574
C-63056	-2	1.12702	0.56794684	0.46560828	0.55415648	0.50809167	0.56095077
C-79433	-1	1.05925	0.69199352	0.52908367	0.66460021	0.58918410	0.67761134
C-10000	0	1.00000	0.81226609	0.59121617	0.77119438	0.66795649	0.79033700
C-12893	1	0.94406	0.90863007	0.65001759	0.86136553	0.74017125	0.88351211
C-15849	2	0.89125	0.96765599	0.70407650	0.92677420	0.80285274	0.94687115
C-19552	3	0.84140	0.99265328	0.75240382	0.96676570	0.85460544	0.98081332
C-25119	4	0.79433	0.99909285	0.79477598	0.98714985	0.89547405	0.99471241
C-31623	5	0.74989	0.99995099	0.83122324	0.99577627	0.92651676	0.99891551

PULSES INTEGRATED INCOHERENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 1
 BIAS ON ROOT MEAN SQUARE NOISE = 15.090706

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO LB	NORMALIZED RANGE	DET. PRCB. NCN- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
3.981C7	6	C.70755		0.86210199	0.99801515	0.94932475	0.99983729
5.C11B7	7	C.66834		0.88793855	0.99971377	0.96561834	0.99982222
6.3C958	8	C.63C96		0.50933708	0.99993970	0.97698884	
7.94329	9	C.59566		0.52691391		0.58477171	
1C.CCC7C	10	C.56234		0.54125533		0.99001509	
12.58926	11	C.53C88		0.55289413		0.99350241	
15.84894	12	C.50119		0.562229874		0.95519747	
19.95263	13	C.47315		0.56387168		0.99729540	
25.11E87	14	C.44668		0.57595306		0.99826626	
31.62279	15	C.4217C		0.58082551		0.99889222	
35.81C73	16	C.39811		0.58472263		0.99929401	
5C.11B74	17	C.37584		0.58783529		0.99955094	
63.C9575	18	C.35481		0.59031060		0.99971491	
79.43284	19	C.33497		0.59229804		0.99981917	
10C.CCC01	20	C.31623		0.59387453		0.99988547	
125.89C55	21	C.29854		0.59512967		0.99992746	
158.48932	22	C.28184		0.59612832			
159.52623	23	C.266C7		0.59692284			
251.18E63	24	C.25119		0.59755445			
316.22773	25	C.23714		0.59805663			
398.1C711	26	C.22387		0.59845580			
5C1.1B714	27	C.21135		0.59877314			
63C.95715	28	C.19953		0.59902529			
794.32EC1	29	C.18E36		0.59922565			
995.99567	30	C.17783		0.59938478			
1258.92454	31	C.167E8		0.59951122			
1584.89253	32	C.15849		0.59961179			
1995.2614C	33	C.14962		0.59969159			
2511.88516	34	C.14125		0.59975495			
3162.27573	35	C.13335		0.59980540			
3981.06512	36	C.12589		0.59984535			
5C11.86884	37	C.11885		0.59987711			
6309.56879	38	C.1122C		0.59990239			

PULSES INTEGRATED INCOHERENTLY = 6
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT PEAK SQUARE NOISE = 36.769791

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	LET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
398.10655	26	0.22387		0.58679358		0.99962967	
501.18693	27	0.21135		0.58964947		0.99976539	
630.95693	28	0.19953		0.59164549		0.99985149	
794.32768	29	0.18836		0.59335764		0.99990606	
999.99926	30	0.17783		0.59471994			
1258.92442	31	0.16788		0.59580349			
1584.89188	32	0.15849		0.59666505			
1995.26056	33	0.14962		0.59734996			
2511.88412	34	0.14125		0.59789438			
3162.27460	35	0.13335		0.59832703			
3981.06769	36	0.12589		0.59867091			
5011.06707	37	0.11885		0.59894409			
6309.56653	38	0.11220		0.59916117			
7943.27325	39	0.10593		0.59933368			
9999.98816	40	0.10000		0.59947065			
12589.	41	0.09441		0.59957949			
15849.	42	0.08913		0.59966592			
19953.	43	0.08414		0.59973463			
25119.	44	0.07943		0.59978924			
31623.	45	0.07499		0.59983254			
39811.	46	0.07079		0.59986698			
50119.	47	0.06683		0.59989434			
63096.	48	0.06310		0.59991611			

PULSES INTEGRATED INCOHERENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 23.238634

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-C0100	-30	5.67341	0.00070319	0.00070325	0.00070320	0.00070322	0.00070319
C-C0126	-29	5.30884	0.00070388	0.00070596	0.00070589	0.00070592	0.00070588
C-C0158	-28	5.01187	0.00070927	0.00070941	0.00070928	0.00070933	0.00070927
C-C0200	-27	4.73151	0.00071355	0.00071373	0.00071357	0.00071366	0.00071356
C-C0251	-26	4.46684	0.00071897	0.00071934	0.00071900	0.00071915	0.00071899
C-C0316	-25	4.21690	0.00072584	0.00072642	0.00072590	0.00072613	0.00072587
C-C0398	-24	3.98107	0.00073453	0.00073550	0.00073464	0.00073501	0.00073460
C-C0501	-23	3.75837	0.00074563	0.00074715	0.00074578	0.00074638	0.00074571
C-C0631	-22	3.54813	0.00075977	0.00076222	0.00076000	0.00076097	0.00075987
C-C0754	-21	3.34565	0.00077784	0.00078181	0.00077823	0.00077979	0.00077803
C-C1000	-20	3.16228	0.00080106	0.00080752	0.00080168	0.00080421	0.00080137
C-C01259	-19	2.98538	0.00083103	0.00084161	0.00083203	0.00083616	0.00083153
C-C1585	-18	2.81838	0.00086996	0.00088742	0.00087158	0.00087834	0.00087077
C-C01953	-17	2.66072	0.00092091	0.00095000	0.00092357	0.00093474	0.00092223
C-C02512	-16	2.51189	0.00098822	0.00103726	0.00099261	0.00101127	0.00099040
C-C00162	-15	2.37137	0.00107820	0.00116200	0.00110850	0.00111701	0.00108147
C-C03981	-14	2.23872	0.00120015	0.00134564	0.00121244	0.00126643	0.00120623
C-C05012	-13	2.11349	0.00136825	0.00162533	0.00138922	0.00148323	0.00137861
C-C06310	-12	1.99526	0.00160467	0.00206730	0.00164098	0.00180769	0.00162257
C-C07543	-11	1.88365	0.00194506	0.00279202	0.00200909	0.00231045	0.00197653
C-C10000	-10	1.77826	0.00244867	0.00402000	0.00256377	0.00311900	0.00250507
C-C12589	-9	1.67880	0.00321703	0.00614914	0.00342827	0.00446791	0.00332007
C-C15849	-8	1.58485	0.00442974	0.00987067	0.00482538	0.00679109	0.00462246
C-C15953	-7	1.49624	0.00644149	0.01630851	0.00716846	0.01087973	0.00678107
C-C25119	-6	1.41254	0.00978319	0.02712168	0.01123756	0.01811912	0.01049131
C-C31623	-5	1.33352	0.01570585	0.04445855	0.01850931	0.03076350	0.01707785
C-C49811	-4	1.25893	0.02642845	0.07065214	0.03172553	0.05208928	0.02905053
C-C50119	-3	1.18850	0.04620891	0.10765184	0.05571625	0.08613012	0.05101098
C-C63106	-2	1.12202	0.082174504	0.15636712	0.09141817	0.13672000	0.09077137
C-C63056	-1	1.05925	0.14853947	0.21621443	0.14106226	0.20594101	0.15973067
C-C00000	0	1.00000	0.25969794	0.28509165	0.27172970	0.29265246	0.27000000
C-C25893	1	0.94406	0.42671699	0.35978974	0.42211920	0.39204424	0.42538925
C-C58489	2	0.89125	0.63435775	0.43665048	0.58903371	0.49666794	0.60836213
C-C84140	3	0.84140	0.82857414	0.51221497	0.74310531	0.59844069	0.78170613
C-C51185	4	0.75433	0.94949114	0.58367968	0.86707801	0.69067157	0.90508537
C-C16228	5	0.74989	0.99240339	0.64910288	0.9413523	0.76922131	0.96925785

PULSES INTEGRATED INCOHERENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 23.238634

SIGNAL TC NCISE RATIC	SIGNAL TC NCISE RATIO CB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
15849.	42	0.08913		0.59991012			

PLUSES INTEGRATED INCOHERENTLY = 10
FALSE ALARM NUMBER = 10 TO THE POWER 6.
BIAS CN ROOT MEAN SQUARE NOISE = 33.207499

SIGNAL IF NOISE RATIO	SIGNAL IF NOISE RATIO	NORMALIZED RANGE	DET. PRCH. NON- FLUCTUATING TARGET	DET. PRCH. FLUCTUATING TARGET	DET. PRCH. FLUCTUATING TARGET	DET. PRCH. FLUCTUATING TARGET	DET. PRCH. FLUCTUATING TARGET
C-1CCCC	-1C	1.77828	0.00000543	0.00003119	0.00000623	0.00001206	0.00000540
C-12589	-9	1.67880	0.00000843	0.00007933	0.00001020	0.00002500	0.00000927
C-15849	-8	1.58489	0.00001411	0.00021496	0.00001830	0.000005832	0.000001613
C-19953	-7	1.49624	0.00002566	0.00059284	0.00003618	0.00014985	0.000003037
C-25119	-6	1.41254	0.00005092	0.00015963	0.00007907	0.000041014	0.000006333
C-31623	-5	1.33352	0.00011057	0.00040619	0.00019035	0.00014587	0.000145133
C-39811	-4	1.25893	0.00026253	0.00065258	0.00049919	0.000315815	0.000364021
C-50119	-3	1.18850	0.00067776	0.002052081	0.00139572	0.000822659	0.000986433
C-73036	-2	1.12202	0.00188027	0.003999618	0.00464429	0.01974730	0.002326794
C-79433	-1	1.05925	0.00549450	0.007093883	0.01165736	0.04291673	0.008301733
C-1CCCC	0	1.00000	0.01640782	0.011520156	0.03201293	0.08376481	0.008301733
C-125893	1	0.94406	0.004798358	0.017277986	0.08015578	0.14682553	0.06495132
C-158489	2	0.89125	0.012991639	0.024165843	0.17617421	0.23257422	0.156757094
C-199526	3	0.84140	0.030425256	0.031930158	0.02117865	0.33597817	0.32216560
C-251189	4	0.79433	0.057466833	0.039849880	0.052758577	0.44832741	0.54727433
C-316228	5	0.74989	0.083768576	0.047820008	0.071932516	0.55948321	0.76630877
C-398107	6	0.70795	0.097058882	0.055409542	0.086262207	0.66099878	0.9142927
C-501197	7	0.66834	0.099822041	0.062387228	0.094498649	0.74763214	0.97699508
C-73057	8	0.63096	0.099997702	0.068621082	0.098188925	0.81749094	0.99586598
C-794328	9	0.59566		0.074062262	0.093503437	0.87124134	0.99945023
C-1CCCC	10	0.56234		0.078723045	0.099884560	0.91103514	0.99995619
C-1258925	11	0.53088		0.082655340	0.09976783	0.93958536	
C-1584893	12	0.50119		0.085932876	0.093995878	0.95955350	
C-1995262	13	0.47315		0.088638175		0.97323491	
C-2511886	14	0.44668		0.080853789		0.98254593	
C-3162277	15	0.42170		0.052657083		0.98858662	
C-3981071	16	0.39811		0.054117524		0.99262038	
C-5011872	17	0.37584		0.055295621		0.99525213	
C-7309572	18	0.35481		0.056242962		0.99695743	
C-7943280	19	0.33497		0.057002836		0.99805631	
C-999997	20	0.31623		0.097611107		0.99876150	
C-12589250	21	0.29854		0.058097271		0.99921238	
C-15848926	22	0.28184		0.058485331		0.99949941	
C-19952615	23	0.26607		0.058794797		0.99968296	
C-25118652	24	0.25119		0.059041356		0.99979917	
C-31622760	25	0.23714		0.059237689		0.99987293	

PULSES INTEGRATED INCOHERENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 33.207499

SIGNAL TO NCISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NCN- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
39E-10695	26	C-22387		0.59393947			
501-18693	27	C-21135		0.59518269			
63C-95693	28	C-19953		0.59617141			
794-32768	29	C-18836		0.59695753			
999-99926	30	C-17783		0.59758239			
1258-92442	31	C-16788		0.59807905			
1584-89183	32	C-15849		0.59847388			
1995-26056	33	C-14562		0.59878754			
2511-88412	34	C-14125		0.59903673			
3162-27460	35	C-13335		0.59923481			
3981-06769	36	C-12589		0.59939206			
5011-86707	37	C-11885		0.59951701			
6305-56653	38	C-11220		0.59961634			
7943-27325	39	C-10593		0.59969518			
9999-98816	40	C-10000		0.59975799			
12589.	41	C-09441		0.59980773			
15849.	42	C-08913		0.59984725			
19953.	43	C-08414		0.59987867			
23119.	44	C-07943		0.59990360		0.99991965	

PULSES INTEGRATED INCONSEQUENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 39.270998

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO	NORMALIZED RANGE	DEF. PROB. FLUCTUATING TARGET	DEF. PROB. FLUCTUATING TARGET	DEF. PROB. FLUCTUATING TARGET	DEF. PROB. FLUCTUATING TARGET	DEF. PROB. FLUCTUATING TARGET
C.10000	-10	1.77828	0.00000008	0.00000152	0.00000011	0.00000042	0.00000011
C.12589	-9	1.67880	0.00000014	0.00000543	0.00000020	0.00000086	0.00000017
C.15849	-8	1.58485	0.00000028	0.00002061	0.00000042	0.00000269	0.00000034
C.19953	-7	1.49624	0.00000057	0.00007832	0.00000054	0.00000094	0.00000075
C.25119	-6	1.41254	0.00000132	0.00028409	0.00000263	0.00003542	0.00000146
C.31623	-5	1.33352	0.00000340	0.00094716	0.00000802	0.00013686	0.00000520
C.39911	-4	1.25893	0.00000982	0.00283079	0.00002734	0.00005206	0.00001647
C.50119	-3	1.18850	0.00001157	0.00748465	0.00010245	0.00180587	0.00005784
C.63096	-2	1.12202	0.00011224	0.01744869	0.00040435	0.00562598	0.00022122
C.79433	-1	1.05925	0.00043323	0.03601097	0.00161419	0.01540341	0.00088861
C.00000	0	1.00000	0.00176470	0.06638402	0.00616854	0.03673538	0.01582611
C.12589	1	0.94416	0.00727456	0.11058398	0.02136611	0.07635936	0.1370846
C.15849	2	0.89125	0.02863852	0.16862056	0.06385073	0.13943997	0.04640179
C.19953	3	0.84140	0.09836844	0.33831861	0.15860194	0.22651380	0.13424497
C.25119	4	0.79433	0.28161971	0.31594065	0.32105768	0.33226103	0.30824774
C.31623	5	0.74989	0.58803149	0.39708970	0.53029275	0.44704932	0.55307061
C.39911	6	0.70795	0.87089599	0.47759390	0.73090341	0.56018421	0.78474104
C.50119	7	0.66834	0.98455853	0.55409141	0.87460736	0.60293643	0.92726513
C.63096	8	0.63096	0.99954493	0.62427080	0.98529497	0.81395291	0.98332810
C.79433	9	0.59566	0.99998824	0.68684214	0.99619937	0.87340834	0.99729990
C.00000	10	0.56234		0.74136005	0.99916395	0.912779060	0.99998020
C.12589	11	0.53088		0.78758576	0.99916395	0.94092663	
C.15849	12	0.50119		0.82727185	0.99984004	0.96053421	
C.19953	13	0.47315		0.85998057	0.99977281	0.97353046	
C.25119	14	0.44668		0.88695396		0.98293534	
C.31623	15	0.42170		0.50902853		0.98691199	
C.39911	16	0.39811		0.52698435		0.99283765	
C.50119	17	0.37584		0.54151923		0.99539566	
C.63096	18	0.35481		0.55323947		0.99705117	
C.79433	19	0.33457		0.56266110		0.99811719	
C.00000	20	0.31623		0.57021621		0.99840072	
C.12589	21	0.29854		0.57626303		0.99923758	
C.15849	22	0.28184		0.58109502		0.99951610	
C.19953	23	0.26607		0.58495170		0.99969324	
C.25119	24	0.25119		0.58802660		0.99980575	
C.31623	25	0.23714		0.59047649			

PULSES INTEGRATED INCOHERENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 39.270998

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO	NORMALIZED RANGE	DET. PROB. NCH- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
398.10655	26	C.22387		0.59242116		0.99987709	
501.18653	27	C.21135		0.59397965		0.99992228	
630.55653	28	C.19953		0.59521470			
754.32768	29	C.18836		0.59619688			
995.59526	30	C.17783		0.59697776			
1258.92442	31	C.16748		0.59759848			
1584.89188	32	C.15645		0.59809198			
1995.26056	33	C.14562		0.59848408			
2511.86412	34	C.14125		0.59879560			
3162.27460	35	C.13335		0.59904324			
3981.66769	36	C.12589		0.59923986			
5011.86707	37	C.11885		0.59939610			
6305.56653	38	C.11220		0.59952049			
7943.27325	39	C.10593		0.59961887			
9955.98816	40	C.10000		0.59969737			
12589.	41	C.9441		0.59975958			
15849.	42	C.8913		0.59980900			
19953.	43	C.8414		0.59984828			
25115.	44	C.7943		0.59987946			
31623.	45	C.7499		0.59990427			

PULSES INTEGRATED INCOHERENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 45.083395

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C.10000	-10	1.77828	0.00000000	0.00000009	0.00000001	0.00000001	0.00000000
C.12589	-9	1.67880	0.00000000	0.00000042	0.00000001	0.00000004	0.00000000
C.15849	-8	1.58489	0.00000001	0.00000218	0.00000001	0.00000001	0.00000001
C.19953	-7	1.49624	0.00000001	0.00001125	0.00000003	0.00000006	0.00000000
C.25119	-6	1.41254	0.00000003	0.00005428	0.00000009	0.00000332	0.00000005
C.31623	-5	1.33352	0.00000009	0.00023440	0.00000032	0.00001756	0.00000015
C.39211	-4	1.25893	0.00000033	0.00088131	0.00000141	0.00008878	0.00000064
C.50119	-3	1.18850	0.00000130	0.00284635	0.00000697	0.00040742	0.00000307
C.63096	-2	1.12202	0.00000577	0.00787812	0.00003721	0.00163422	0.00071542
C.79433	-1	1.05925	0.00002868	0.01880092	0.00020388	0.00559771	0.00028345
1.00000	0	1.00000	0.00015511	0.03913654	0.00107510	0.01621542	0.00046214
1.25893	1	0.94406	0.00087667	0.07210334	0.00511929	0.03978468	0.00247207
1.58489	2	0.89120	0.00488985	0.11942395	0.02074066	0.08348390	0.01184537
1.99526	3	0.84140	0.02490719	0.18058503	0.06819960	0.15209518	0.04739127
2.51189	4	0.79433	0.10492527	0.25290602	0.17682462	0.24489350	0.14860027
3.16228	5	0.74989	0.32618911	0.32228475	0.35908199	0.35502610	0.25019434
3.98107	6	0.70795	0.67443818	0.41415425	0.58069628	0.47183494	0.61562205
5.01187	7	0.66834	0.93214842	0.49453887	0.77651529	0.51447718	0.83779144
6.30957	8	0.63096	0.94607360	0.57015097	0.90404679	0.68479140	0.95364936
7.94328	9	0.59566	0.99996493	0.63835968	0.90665926	0.76843120	0.99123123
10.00000	10	0.56234		0.69990030	0.99048228	0.83449651	0.99988784
12.58925	11	0.53088		0.75270572	0.99772127	0.88442813	0.99940363
15.84893	12	0.50119		0.79766567	0.99553193	0.92083927	
19.95262	13	0.47315		0.83541121	0.99991564	0.94663443	
25.11886	14	0.44668		0.86674540		0.96448835	
31.62277	15	0.42170		0.89252453		0.97661702	
39.81071	16	0.39811		0.91358204		0.98473396	
50.11872	17	0.37584		0.93068476		0.99010141	
63.09572	18	0.35481		0.94551229		0.99361701	
79.43280	19	0.33497		0.95565145		0.99590207	
99.99997	20	0.31623		0.96459888		0.99737839	
125.89250	21	0.29854		0.97176962		0.99832755	
158.48926	22	0.28184		0.97750582		0.99893545	
199.52615	23	0.26607		0.98208804		0.99932367	
251.18852	24	0.25119		0.98574391		0.99957091	
316.22760	25	0.23714		0.98865819		0.99972810	

PULSES INTEGRATED INCOHERENTLY = 10
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 45.083395

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
398.10695	26	C.22387		0.59097961		0.99982785	
501.18693	27	0.21135		0.59282780		0.99989111	
630.95693	28	0.19953		0.59429847		0.99993116	
794.32768	29	0.18836		0.59546829			
999.99926	30	0.17783		0.59639849			
1258.12442	31	0.16788		0.59713805			
1584.19188	32	0.15849		0.59772604			
1995.6056	33	C.14962		0.59819326			
2511.88412	34	0.14125		0.59856453			
3162.27460	35	C.13335		0.59885963			
3981.06769	36	0.12589		0.59909398			
5011.66707	37	0.11885		0.59928021			
6309.56653	38	0.11220		0.59942821			
7943.27325	39	0.10593		0.59954572			
9999.68016	40	0.10000		0.59963927			
12589.	41	0.09441		0.59971342			
15849.	42	0.08913		0.59977233			
19953.	43	0.08414		0.59981916			
25119.	44	0.07943		0.59985632			
31623.	45	0.07499		0.99988589			
39811.	46	0.07075		0.59990931			

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 38.587815

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00010	-40	10-00000	0-06704423	0-04692023	0-06704422	0-067044396	0-06704417
C-00013	-39	9-44061	0-06706427	0-04692023	0-06706426	0-06706402	0-06706430
C-00016	-38	8-91251	0-06708551	0-04692023	0-06708948	0-06708928	0-06708955
C-00020	-37	8-41395	0-06712130	0-04692023	0-06712131	0-06712109	0-06712130
C-00025	-36	7-94328	0-06716133	0-04692023	0-06716136	0-06716114	0-06716134
C-00032	-35	7-49894	0-06721175	0-04692023	0-06721178	0-06721162	0-06721176
C-00040	-34	7-07946	0-06727525	0-04692023	0-06727524	0-06727520	0-06727525
C-00050	-33	6-68344	0-06735525	0-04692023	0-06735526	0-06735533	0-06735523
C-00063	-32	6-30957	0-06745605	0-06745692	0-06745637	0-06745636	0-06745640
C-00079	-31	5-95662	0-06758309	0-06758483	0-06758323	0-06758373	0-06758307
C-00100	-30	5-62341	0-06774323	0-06774609	0-06774318	0-06774440	0-06774373
C-00126	-29	5-30884	0-06794519	0-06794970	0-06794537	0-06794719	0-06794524
C-00158	-28	5-01187	0-06819998	0-06820711	0-06820026	0-06820329	0-06820066
C-00200	-27	4-73151	0-06852160	0-06853297	0-06852198	0-06852701	0-06852183
C-00251	-26	4-46684	0-06944148	0-06947003	0-06944247	0-06944550	0-06944200
C-00316	-25	4-21696	0-07009152	0-07013687	0-07009306	0-07011393	0-07009274
C-00358	-24	3-98107	0-07091530	0-07098728	0-07091773	0-07095101	0-07091643
C-00501	-23	3-75831	0-07196102	0-07207532	0-07196492	0-07201787	0-07196247
C-00631	-22	3-54813	0-07329123	0-07347262	0-07329729	0-07338163	0-07329414
C-00794	-21	3-34965	0-07498762	0-07527550	0-07499722	0-07513129	0-07499237
C-01000	-20	3-16228	0-07715781	0-07761417	0-07717308	0-07738601	0-07716536
C-01259	-19	2-98538	0-07994483	0-08066700	0-07996897	0-08030696	0-07995639
C-01585	-18	2-81838	0-08354066	0-08467977	0-08357909	0-08411443	0-08355974
C-01995	-17	2-66072	0-08820602	0-08992339	0-08826687	0-08911245	0-08823634
C-02512	-16	2-51189	0-09429904	0-09707365	0-09439547	0-09572375	0-09434729
C-03162	-15	2-37137	0-10231766	0-10656092	0-10246982	0-10453738	0-10239311
C-03521	-14	2-23872	0-11296171	0-11929499	0-11320028	0-11636961	0-11308114
C-05012	-13	2-11349	0-12722309	0-13632810	0-12759297	0-13233022	0-12740852
C-06310	-12	1-99526	0-14651320	0-15886943	0-14707500	0-15387019	0-14679512
C-07543	-11	1-88365	0-17282991	0-18813522	0-17365438	0-18275868	0-17324459
C-10000	-10	1-77828	0-20894686	0-22508655	0-21008276	0-22090781	0-20952115
C-12589	-9	1-67880	0-25853970	0-27011747	0-25992539	0-26996773	0-25924668
C-15849	-8	1-58489	0-32602295	0-32279087	0-32728208	0-33069967	0-32667920
C-19953	-7	1-49624	0-41560255	0-438175373	0-41570750	0-40230933	0-41569247
C-25119	-6	1-41254	0-52881465	0-44488966	0-52576860	0-48208304	0-52731363
C-31623	-5	1-33352					

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER - 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 38.587815

SIGNAL TC NCISE RATIO	SIGNAL TC NCISE RATIO dB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
0.39811	-4	1.25893	0.66020144	0.50966373	0.65140463	0.56563845	0.65573530
C.50119	-3	1.1885C	0.79313638	0.57353821	0.77739339	0.64780858	0.78503493
C.63C96	-2	1.12202	0.90225327	0.63432369	0.88276272	0.72380056	0.89221410
C.79433	-1	1.05925	0.96816725	0.69039517	0.95204908	C.79014801	0.96005780
1.00000	0	1.00000	0.99393677	0.74075249	0.98570996	0.84512830	0.99009248
1.25893	1	0.94406	0.99945923	0.78496574	0.99708148	0.88863445	0.99852729
1.58489	2	0.89125	0.99998321	0.82305884	0.99961226	0.92171306	0.99988305
1.95526	3	0.84139		0.85537063	0.99996772	0.94602416	0.99999555
2.51139	4	0.79433		0.88243037		0.96339270	
3.16228	5	0.74989		0.90485708		0.97550827	
3.98108	6	0.70795		0.92328812		0.98379755	
5.01198	7	0.66834		0.93833167		0.98937999	
6.30958	8	0.63096		0.95054410		0.99309114	
7.94329	9	0.59566		0.96041399		0.99553254	
1C.CCCC1	10	0.56234		0.96836353		0.99712560	
12.58926	11	0.53082		0.97474781		0.99815802	
15.84894	12	0.50119		0.97986335		0.9982305	
19.95264	13	C.47315		0.98395546		0.99925026	
25.11888	14	0.44668		0.98722435		0.99952324	
31.62280	15	0.4217C		0.98983171		0.99969737	
39.81074	16	0.39811		0.99191032		0.99980796	
5C.11876	17	0.37584		0.99356645		0.99987841	
63.09577	18	0.35481		0.99488462		0.99992324	
75.43287	19	0.33497		0.99593345			
100.CCCC5	20	C.31623		0.99743116			
125.89260	21	0.29854		0.99795891			
158.48939	22	C.28184		0.99837799			
195.52631	23	0.26607		0.99871125			
251.18873	24	C.25119		0.99897598			
316.22786	25	C.23714		0.99918617			
398.10728	26	C.22387		0.99935376			
501.18735	27	0.21135		0.99948662			
63C.95746	28	0.19953		0.99959227			
794.32335	29	0.18836		0.99967570			
100C.00009	30	0.17783		0.99974238			
1258.92548	31	0.16788					

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 38.587815

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NCN- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
1584.89320	32	0.15849		0.59979552			
1995.26224	33	0.14962		0.59983779			
2511.88620	34	0.14125		0.59987078			
3162.27725	35	0.13335		0.99989752			
3981.07101	36	0.12589		0.59991813			

PULSES INTEGRATED INCOMERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 50.627331

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00010	-40	10.00000	0.00069448	0.00038141	0.00069448	0.00069448	0.00069448
C-00013	-39	9.44061	0.00069489	0.00038141	0.00069489	0.00069489	0.00069489
C-00016	-38	8.91251	0.00069541	0.00038141	0.00069541	0.00069540	0.00069541
C-00020	-37	8.41395	0.00069606	0.00038141	0.00069606	0.00069606	0.00069606
C-00025	-36	7.94328	0.00069688	0.00038141	0.00069688	0.00069688	0.00069688
C-00032	-35	7.49894	0.00069791	0.00038141	0.00069791	0.00069790	0.00069791
C-00040	-34	7.07946	0.00069921	0.00069230	0.00069921	0.00069921	0.00069921
C-00050	-33	6.68344	0.00070085	0.00070088	0.00070085	0.00070086	0.00070085
C-00063	-32	6.30957	0.00070292	0.00070298	0.00070292	0.00070294	0.00070291
C-00079	-31	5.95662	0.00070553	0.00070562	0.00070553	0.00070557	0.00070553
C-00100	-30	5.62341	0.00070883	0.00070898	0.00070883	0.00070889	0.00070883
C-00126	-29	5.30884	0.00071300	0.00071324	0.00071301	0.00071311	0.00071300
C-00158	-28	5.01187	0.00071828	0.00071837	0.00071830	0.00071847	0.00071828
C-00200	-27	4.73151	0.00072498	0.00072560	0.00072499	0.00072528	0.00072499
C-00251	-26	4.46684	0.00073348	0.00073448	0.00073351	0.00073356	0.00073349
C-00316	-25	4.21696	0.00074430	0.00074459	0.00074435	0.00074509	0.00074433
C-00398	-24	3.98107	0.00075811	0.00076073	0.00075819	0.00075939	0.00075815
C-00501	-23	3.75837	0.00077581	0.00078007	0.00077594	0.00077787	0.00077587
C-00631	-22	3.54813	0.00079857	0.00080554	0.00079878	0.00080194	0.00079867
C-00794	-21	3.34965	0.00082801	0.00083952	0.00082836	0.00083353	0.00082818
C-01000	-20	3.16228	0.00086636	0.00088556	0.00086694	0.00087547	0.00086664
C-01259	-19	2.98538	0.00091673	0.00094916	0.00091769	0.00093193	0.00091721
C-01585	-18	2.81838	0.00098359	0.0103920	0.00098518	0.0100922	0.00098438
C-01995	-17	2.66072	0.0107348	0.0117062	0.0107615	0.0111736	0.0107461
C-02512	-16	2.51189	0.0115625	0.0136965	0.0120080	0.0127274	0.0119851
C-03162	-15	2.37137	0.0136717	0.0168418	0.0137503	0.0150330	0.0137104
C-03981	-14	2.23872	0.0161065	0.0220472	0.0162453	0.0185881	0.0161754
C-05012	-13	2.11349	0.0196710	0.0310520	0.0199214	0.0243130	0.0197952
C-06310	-12	1.99526	0.0250588	0.0471854	0.0255223	0.0339675	0.0252833
C-07943	-11	1.88365	0.0335066	0.0766075	0.0343883	0.0509781	0.0339426
C-10000	-10	1.77828	0.0475066	0.1299747	0.0490317	0.0819936	0.0481587
C-12589	-9	1.67880	0.0708674	0.2239259	0.0743322	0.1394844	0.0725763
C-15849	-8	1.58489	0.1129515	0.3810649	0.1200467	0.2452140	0.1164512
C-19953	-7	1.49624	0.1913833	0.6269483	0.2059893	0.4329801	0.1986037
C-25119	-6	1.41254	0.3426259	0.9838126	0.3720702	0.7469803	0.3572670
C-31623	-5	1.33352	0.6393673	0.14630242	0.06948843	0.12318192	0.06672500

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 50.627331

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C.39811	-4	1.25893	0.12151127	C.20597531	C.13051473	0.19145240	0.12612735
C.50119	-3	1.18850	0.22718992	0.27525477	0.23758373	0.27866683	0.23269024
C.63096	-2	1.12202	0.39914066	0.435078596	0.40178778	0.37983692	0.40076714
C.79433	-1	1.05925	0.62554734	0.42872881	C.60693783	0.48697332	0.51579107
1.00000	0	1.00000	0.83883780	C.50545941	0.80038086	0.59138850	0.81932870
1.25893	1	0.94404	0.96123300	0.57805377	0.92797145	0.68593778	0.94428737
1.58489	2	0.89125	C.95609017	0.44449900	0.98290136	0.76627148	0.98035577
1.99526	3	0.84139	0.99988701	0.30367774	0.99748553	0.83092736	0.99917734
2.51189	4	C.79433	C.99999943	C.75521995	C.99977939	0.88065217	0.99996925
3.16118	5	0.74589		0.19930243	0.99998860	0.91747852	
3.98108	6	C.70795		0.83645445		0.94391901	
5.01188	7	C.66834		0.86739527		0.96242819	
6.30958	8	C.63056		0.89291950		0.97512123	
7.94329	9	C.59566		C.51381428		0.98368209	
10.00000	10	C.56234		0.53081572		0.98937958	
12.58926	11	0.53088		0.54458120		C.99313078	
15.84894	12	C.50119		0.95568304		0.99557893	
19.95264	13	0.47315		0.56460936		0.99716628	
25.11888	14	C.44668		0.57176880		0.99818940	
31.62280	15	C.42170		0.5749865		0.99884617	
35.81074	16	C.39811		0.58207828		0.99926603	
50.11876	17	C.37584		0.58573405		0.99953398	
63.09577	18	C.35481		0.58864877		0.99970470	
75.43287	19	C.33497		0.59097111		0.99981293	
100.00000	20	C.31623		0.59282036		0.99988173	
125.89260	21	C.29854		0.59429196		0.99992518	
158.48939	22	0.28184		0.59546313			
199.52631	23	C.26607		0.59639407			
251.18873	24	C.25119		0.59713448			
316.22766	25	C.23714		0.59772291			
398.10728	26	C.22387		0.59819048			
501.18735	27	C.21135		0.59856259			
630.95746	28	0.19953		0.59885808			
794.32835	29	0.18836		0.59909293			
1000.00000	30	C.17783		0.59927901			
1258.92548	31	C.16788		0.59942725			

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 50.627331

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
1584.89320	32	0.15849		0.59954517			
1995.26224	33	0.14962		0.59963893			
2511.88620	34	0.14125		0.59971281			
3162.27725	35	0.13335		0.59977204			
3981.07101	36	0.12589		0.59981844			
5011.87122	37	0.11885		0.59985620			
6309.57170	38	0.11220		0.59988561			
7943.27991	39	0.10593		0.59990901			

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 64.205178

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. ACQ- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-01000	-20	3.16228	0.00000099	0.00000105	0.00000039	0.00000101	0.00000044
C-01259	-19	2.98538	0.00000108	0.00000119	0.00000109	0.00000113	0.00000108
C-01585	-18	2.81838	0.00000121	0.00000143	0.00000121	0.00000130	0.00000121
C-01995	-17	2.66072	0.00000139	0.00000183	0.00000140	0.00000155	0.00000139
C-02512	-16	2.51189	0.00000165	0.00000259	0.00000166	0.00000197	0.00000165
C-03162	-15	2.37137	0.00000203	0.00000419	0.00000206	0.00000270	0.00000204
C-03981	-14	2.23872	0.00000263	0.00000807	0.00000270	0.00000412	0.00000266
C-05072	-13	2.11349	0.00000361	0.00001862	0.00000374	0.00000712	0.00000367
C-06310	-12	1.99526	0.00000530	0.00003006	0.00000558	0.00001436	0.00000543
C-07943	-11	1.88365	0.00000840	0.00014787	0.00000905	0.00003392	0.00000872
C-10000	-10	1.77828	0.00001460	0.00044876	0.00001618	0.00009207	0.00001536
C-12589	-9	1.67880	0.00002797	0.00132111	0.00003322	0.00027458	0.00003000
C-15849	-8	1.58489	0.00005966	0.00361944	0.00007196	0.00084908	0.00006547
C-19553	-7	1.49624	0.00014229	0.00899906	0.00018076	0.00257027	0.00016030
C-25119	-6	1.41254	0.00037912	0.02007229	0.00050737	0.00726672	0.00043861
C-31623	-5	1.33352	0.0011818	0.04010702	0.00156241	0.01857613	0.00132475
C-39811	-4	1.25893	0.00357748	0.07217332	0.00510657	0.04218074	0.00429654
C-50119	-3	1.18850	0.01198791	0.11805712	0.01686405	0.08461729	0.01433800
C-63056	-2	1.12202	0.03988697	0.17750166	0.05279947	0.15052883	0.04637054
C-79433	-1	1.05925	0.12235571	0.44815873	0.14580604	0.23979719	0.13481093
C-10000	0	1.00000	0.31536824	0.32620492	0.33148348	0.34660742	0.32466504
C-12589	1	0.94406	0.62081911	0.40726551	0.59172052	0.46118972	0.60489013
C-15849	2	0.89125	0.88777293	0.48726761	0.82657668	0.57306275	0.85429939
C-19553	3	0.84140	0.98794100	0.56297311	0.95362144	0.67390460	0.97171387
C-25119	4	0.79433	0.99971472	0.63219728	0.99271560	0.75892302	0.99754170
C-31623	5	0.74989	0.99999921	0.69375564	0.99935149	0.82673876	0.999415e3
C-39811	6	0.70795		0.74727782	0.99996741	0.87842767	
C-50119	7	0.66834		0.79297580		0.91638883	
C-63056	8	0.63096		0.83142944		0.94344180	
C-79433	9	0.59566		0.86341082		0.96225761	
C-10000	10	0.56234		0.8976280		0.97509092	
C-12589	11	0.53088		0.91131429		0.98370703	
C-15849	12	0.50115		0.92883498		0.98941961	
C-19553	13	0.47315		0.94301187		0.99316901	
C-25119	14	0.44668		0.95443990		0.99561016	
C-31623	15	0.42170		0.96362334		0.99718953	

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 64.205178

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
39.81072	16	0.39811		0.57098643		0.99820598	
50.11872	17	0.37584		0.57687884		0.99885744	
63.09573	18	0.35481		0.58158652		0.99927398	
79.43282	19	0.33497		0.58534343		0.99953922	
95.99999	20	0.31623		0.58833879		0.99970806	
125.89252	21	0.29854		0.59072494		0.99981511	
158.48929	22	0.28184		0.59262521		0.99988314	
199.52618	23	0.26607		0.59413655		0.99992599	
251.18857	24	0.25119		0.59533977			
316.22766	25	0.23714		0.59629619			
398.10702	26	0.22387		0.59705648			
501.18702	27	0.21135		0.59766136			
630.95705	28	0.19953		0.59814192			
794.32782	29	0.18836		0.59852389			
999.99944	30	0.17783		0.59882689			
1258.92464	31	0.16788		0.59906804			
1584.89215	32	0.15849		0.59925980			
1995.26093	33	0.14962		0.59941221			
2511.88455	34	0.14125		0.59953271			
3162.27499	35	0.13335		0.59962898			
3981.06815	36	0.12589		0.59970479			
5011.86761	37	0.11885		0.59976592			
6309.56726	38	0.11220		0.59981390			
7943.27423	39	0.10593		0.59985205			
9999.98926	40	0.10000		0.59988230			
12589.	41	0.09441		0.59990669			

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 72.089792

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO CR	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C-01000	-20	2.16228	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01259	-19	2.98538	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01585	-18	2.81838	0.00000001	0.00000002	0.00000001	0.00000001	0.00000001
C-01795	-17	2.66072	0.00000001	0.00000003	0.00000002	0.00000002	0.00000001
C-02512	-16	2.51189	0.00000001	0.00000004	0.00000002	0.00000003	0.00000001
C-03162	-15	2.37137	0.00000003	0.00000009	0.00000003	0.00000004	0.00000003
C-03481	-14	2.23872	0.00000004	0.00000024	0.00000004	0.00000007	0.00000004
C-05012	-13	2.11349	0.00000005	0.00000082	0.00000006	0.00000016	0.00000005
C-06310	-12	1.99526	0.00000008	0.00000331	0.00000009	0.00000042	0.00000007
C-07943	-11	1.88365	0.00000015	0.00001441	0.00000016	0.00000139	0.00000016
C-10000	-10	1.77828	0.00000028	0.00006254	0.00000033	0.00000054	0.00000033
C-12589	-9	1.67880	0.00000061	0.00025360	0.00000077	0.00002372	0.00000077
C-15849	-8	1.58489	0.00000155	0.00091965	0.00000207	0.00010554	0.00000174
C-19953	-7	1.49624	0.00000449	0.00291091	0.00000653	0.00044797	0.00000540
C-25119	-6	1.41254	0.00001498	0.00796947	0.00002383	0.00171724	0.00001854
C-31623	-5	1.33352	0.00005728	0.01891007	0.00000910	0.00573671	0.00007554
C-35811	-4	1.25893	0.00024673	0.03924804	0.00045313	0.01640139	0.00033654
C-50119	-3	1.18350	0.00115868	0.07220253	0.00215822	0.03997975	0.00165327
C-63056	-2	1.12202	0.00562891	0.11950276	0.00995786	0.08363970	0.00763670
C-79433	-1	1.05925	0.02620524	0.18064304	0.04084314	0.15218256	0.03345068
1.00000	0	1.00000	0.10545813	0.25794790	0.13629558	0.24491633	0.12200841
1.25893	1	0.94060	0.32393186	0.33231629	0.34356546	0.35501092	0.33562333
1.58489	2	0.89125	0.67590242	0.41422152	0.63065889	0.47181059	0.65029312
1.99526	3	0.84140	0.93350594	0.49456277	0.86477437	0.58446187	0.96281668
2.51189	4	0.79433	0.99651086	0.57017374	0.97075878	0.68479054	0.96570261
3.16228	5	0.74989	0.99977552	0.63898160	0.99646468	0.76844205	0.99222664
3.98107	6	0.70795		0.69992116	0.99976474	0.83451423	0.99999841
5.01187	7	0.66834		0.75272475	0.99999125	0.88444728	
6.30957	8	0.63096		0.79768288		0.92085700	
7.94328	9	0.59566		0.83542590		0.94664912	
10.00000	10	0.56234		0.86675932		0.96449947	
12.58926	11	0.53088		0.89253558		0.97662561	
15.84893	12	0.50115		0.91359106		0.98474021	
19.95262	13	0.47315		0.93069221		0.99010581	
25.11887	14	0.44668		0.94451870		0.99361998	
31.62278	15	0.42170		0.95565611		0.99590418	

PULSES INTEGRATED INCONVERTIBLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 72.089792

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO	NORMALIZED RANGE	DET. PRCR. NON- FLUCTUATING TARGET	DET. PRCR. FLUCTUATING TARGET CASE 1	DET. PRCR. FLUCTUATING TARGET CASE 2	DET. PRCR. FLUCTUATING TARGET CASE 3	DET. PRCR. FLUCTUATING TARGET CASE 4
C-01CCC	-20	3.16228	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01259	-19	2.98538	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01585	-18	2.81838	0.00000001	0.00000002	0.00000001	0.00000001	0.00000001
C-01995	-17	2.66072	0.00000001	0.00000003	0.00000002	0.00000002	0.00000001
C-02512	-16	2.51189	0.00000001	0.00000004	0.00000002	0.00000003	0.00000001
C-03162	-15	2.37137	0.00000003	0.00000009	0.00000003	0.00000004	0.00000003
C-03961	-14	2.23672	0.00000004	0.00000024	0.00000004	0.00000007	0.00000004
C-05012	-13	2.11349	0.00000005	0.00000052	0.00000006	0.00000016	0.00000005
C-06310	-12	1.99526	0.00000008	0.00000031	0.00000009	0.00000042	0.00000007
C-07943	-11	1.88365	0.00000015	0.00000141	0.00000016	0.00000139	0.00000016
C-10000	-10	1.77828	0.00000028	0.000006254	0.00000033	0.00000545	0.00000030
C-12589	-9	1.67880	0.00000061	0.000025360	0.00000077	0.00002312	0.00000069
C-15849	-8	1.58489	0.00000155	0.00091965	0.00000207	0.00010554	0.00000179
C-19553	-7	1.49624	0.00000449	0.00291091	0.00000653	0.00044797	0.00000540
C-25119	-6	1.41254	0.00001498	0.00736947	0.00000910	0.00171724	0.00001899
C-31623	-5	1.30352	0.00005728	0.01891007	0.00000910	0.00373671	0.000160327
C-39811	-4	1.25893	0.00024673	0.03924804	0.00045313	0.01640139	0.00033695
C-50119	-3	1.18500	0.00115868	0.07220253	0.00215822	0.03997975	0.00160327
C-63056	-2	1.12202	0.00562891	0.11950276	0.00995786	0.08363970	0.00763670
C-79433	-1	1.05925	0.02620524	0.18064304	0.04084314	0.15218256	0.03345063
1.00000	0	1.00000	0.10545813	0.25294790	0.13629558	0.24491633	0.12200841
1.25893	1	0.94406	0.32393186	0.33231629	0.36356546	0.35501092	0.33562333
1.58489	2	0.89125	0.67590242	0.41422152	0.63065889	0.47181099	0.65029312
1.99526	3	0.84140	0.53350594	0.49456277	0.86477337	0.58446187	0.89628166
2.51189	4	0.79433	0.99651086	0.57017374	0.97075878	0.68479054	0.96576271
3.16228	5	0.74989	0.99997552	0.63898160	0.99646468	0.76844205	0.99922664
3.98107	6	0.70795		0.69992116	0.9976474	0.83451423	
5.01167	7	0.66834		0.75272475	0.99999125	0.88444728	
6.30957	8	0.63096		0.79768288		0.92085706	
7.94328	9	0.59566		0.83542599		0.94664912	
10.00000	10	0.56234		0.86675832		0.96449997	
12.58926	11	0.53088		0.89253558		0.97662561	
15.84893	12	0.50115		0.91359106		0.98474021	
19.95262	13	0.47315		0.93069221		0.99010581	
25.11887	14	0.44668		0.94451870		0.99361998	
31.62278	15	0.42170		0.95565611		0.99390418	

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 79.461633

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
0.01000	-20	3.16228	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
0.01259	-19	2.99538	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
0.01585	-18	2.81838	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
0.01995	-17	2.64072	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
0.02512	-16	2.51189	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
0.03162	-15	2.37137	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
0.03981	-14	2.23872	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
0.05012	-13	2.11349	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
0.06310	-12	1.99526	0.00000000	0.00000026	0.00000001	0.00000001	0.00000001
0.07941	-11	1.88365	0.00000000	0.00000163	0.00000001	0.00000007	0.00000001
0.10000	-10	1.77828	0.00000000	0.00000991	0.00000001	0.00000037	0.00000001
0.12589	-9	1.67880	0.00000000	0.00005420	0.00000002	0.00000227	0.00000001
0.15849	-8	1.58489	0.00000004	0.00025544	0.00000006	0.00001436	0.00000001
0.19953	-7	1.49624	0.00000013	0.00101329	0.00000022	0.00008416	0.00000001
0.25119	-6	1.41254	0.00000053	0.00336009	0.00000103	0.00043099	0.00000001
0.31623	-5	1.33352	0.00000257	0.00936270	0.00000565	0.00185612	0.00000001
0.39811	-4	1.25893	0.00001450	0.02220571	0.00003549	0.00660277	0.00000001
0.50119	-3	1.18850	0.00009266	0.04559320	0.00023950	0.01936318	0.00000001
0.63096	-2	1.12202	0.00037476	0.08255207	0.00160245	0.04725678	0.00000001
0.79432	-1	1.05925	0.00437476	0.13423993	0.00964691	0.09759322	0.00000001
1.00000	0	1.00000	0.02692813	0.19941384	0.04709722	0.17405679	0.00000001
1.25893	1	0.94406	0.12949933	0.27476972	0.16960071	0.27394176	0.00000001
1.58489	2	0.89125	0.41644972	0.35586474	0.42272248	0.38853659	0.00000001
1.99526	3	0.84140	0.79950016	0.43814155	0.72522008	0.50633897	0.00000001
2.51189	4	0.79433	0.97931310	0.51770017	0.92123082	0.61882208	0.00000001
3.16228	5	0.74989	0.99967135	0.59168842	0.98743456	0.71286753	0.00000001
3.98107	6	0.70795	0.99999964	0.65836279	0.99891785	0.79132175	0.00000001
5.01187	7	0.66834		0.71694160	0.99994928	0.85223404	0.00000001
6.30957	8	0.63096		0.76737110		0.89762004	0.00000001
7.94328	9	0.59366		0.81008220		0.93033154	0.00000001
10.00000	10	0.56234		0.84578824		0.95328605	0.00000001
12.58926	11	0.53088		0.87532835		0.96905126	0.00000001
15.84893	12	0.50119		0.89956491		0.97949452	0.00000001
19.95262	13	0.47315		0.91931938		0.98678153	0.00000001
25.11887	14	0.44668		0.93333602		0.99144906	0.00000001
31.62278	15	0.42170		0.94826663		0.99449641	0.00000001

PULSES INTEGRATED INCOHERENTLY = 30
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 79.461633

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
35-81072	16	0.39811		0.55867203		0.99647200	
50-11872	17	0.37584		0.56702322		0.99774565	
63-09573	18	0.35481		0.57371094		0.99856346	
79-43282	19	0.33497		0.57905782		0.99908634	
99-99559	20	0.31623		0.58332703		0.99942000	
125-89252	21	0.29854		0.58673201		0.99963219	
158-48929	22	0.28184		0.58944594		0.99976713	
199-52618	23	0.26607		0.59160677		0.99985251	
251-18857	24	0.25119		0.59332696		0.99990667	
316-22766	25	0.23714		0.59469544			
398-10702	26	0.22387		0.59578375			
501-18702	27	0.21135		0.59664962			
630-95705	28	0.19953		0.59733779			
794-32782	29	0.18836		0.59788484			
999-99944	30	0.17783		0.59831907			
1258-92464	31	0.16788		0.59866456			
1584-89215	32	0.15849		0.59893922			
1995-26093	33	0.14962		0.59915752			
2511-88455	34	0.14125		0.59933037			
3162-27459	35	0.13335		0.59946824			
3981-06815	36	0.12589		0.59957709			
5011-86761	37	0.11885		0.59966447			
6305-56726	38	0.11220		0.59973331			
7943-27423	39	0.10593		0.59978803			
9999-98926	40	0.10000		0.59983145			
12589-	41	0.09441		0.59986631			
15849-	42	0.08913		0.59989384			
19953-	43	0.08414		0.59991563			

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 115.383141

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C-00010	-40	10.00000	0.06710232	0.05516757	0.06710250	0.06709923	0.06710228
C-00013	-39	9.44061	0.06713763	0.05516757	0.06713752	0.06713456	0.06713743
C-00016	-38	8.91251	0.06718209	0.05516757	0.06718230	0.06717910	0.06718215
C-00020	-37	8.41395	0.06723810	0.05516757	0.06723830	0.06723516	0.06723821
C-00025	-36	7.94328	0.06730866	0.05516757	0.06730874	0.06730565	0.06730861
C-00032	-35	7.49894	0.06739755	0.05516757	0.06739746	0.06739493	0.06739719
C-00040	-34	7.07946	0.06750958	0.05516757	0.06750959	0.06750727	0.06750967
C-00050	-33	6.68344	0.06765081	0.05516757	0.06765106	0.06764893	0.06765083
C-00063	-32	6.30957	0.06782889	0.05516757	0.06782895	0.06782778	0.06782879
C-00079	-31	5.95662	0.06805356	0.05516757	0.06805374	0.06805359	0.06805367
C-00100	-30	5.62341	0.06833714	0.05516757	0.06833737	0.06833901	0.06833740
C-00126	-29	5.30884	0.06869531	0.05516757	0.06869587	0.06870013	0.06869513
C-00158	-28	5.01187	0.06914807	0.05516757	0.06914821	0.06915747	0.06914815
C-00200	-27	4.73151	0.06972103	0.06696594	0.06972154	0.06973775	0.06972111
C-00251	-26	4.46684	0.07047704	0.07050931	0.07044758	0.07047531	0.07044738
C-00316	-25	4.21696	0.07136846	0.07146770	0.07136969	0.07141520	0.07136874
C-00398	-24	3.98107	0.07254034	0.07269844	0.07254209	0.07261649	0.07254115
C-00501	-23	3.75837	0.07403447	0.07428674	0.07403681	0.07415751	0.07403342
C-00631	-22	3.54813	0.07594551	0.07634802	0.07594954	0.07614334	0.07594807
C-00794	-21	3.34965	0.07839920	0.07904147	0.07840574	0.07871653	0.07840204
C-01000	-20	3.16228	0.08156457	0.08258825	0.08157448	0.08207285	0.08156960
C-01259	-19	2.98538	0.08567144	0.08729894	0.08568768	0.08648427	0.08567907
C-01585	-18	2.81838	0.09103663	0.09360930	0.09106206	0.09233315	0.09104944
C-01955	-17	2.66072	0.09810289	0.10212585	0.09814398	0.10016053	0.09812347
C-02512	-16	2.51189	0.10749717	0.11367284	0.10756317	0.11073228	0.10753017
C-03162	-15	2.37137	0.12011867	0.12931830	0.12022463	0.12511953	0.12017144
C-03581	-14	2.23872	0.13727178	0.15033836	0.13743599	0.14477257	0.13735705
C-05012	-13	2.11349	0.16084508	0.17807695	0.16109942	0.17153995	0.16097201
C-06310	-12	1.99526	0.19356215	0.21367617	0.19393566	0.20573132	0.19374947
C-07943	-11	1.88365	0.23921936	0.25770333	0.23973012	0.25471919	0.23947500
C-10000	-10	1.77828	0.30275062	0.30986286	0.30333622	0.31425120	0.30304514
C-12589	-9	1.67880	0.38957231	0.36885265	0.38996568	0.38564310	0.38977234
C-15849	-8	1.58489	0.50321276	0.43251385	0.50275031	0.46628383	0.50299082
C-19953	-7	1.49624	0.64016356	0.49820123	0.63775120	0.55162954	0.63895152
C-25119	-6	1.41254	0.78325067	0.56323748	0.77807695	0.63614163	0.78063360
C-31623	-5	1.33352	0.90209703	0.62529761	0.89523380	0.71462175	0.89862065

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 115.383141

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C.39811	-4	1.25893	0.97154283	0.68264703	0.96614407	0.78327522	0.96883994
0.50119	-3	1.18850	0.99572730	0.73421042	0.99356080	0.84019160	0.99468457
C.63056	-2	1.12202	0.99975647	0.77951422	0.99939802	0.88520543	0.99960124
C.79433	-1	1.05925	0.99999654	0.81856332	0.99997734	0.91939416	0.99999010
1.00000	0	1.00000		0.85169303		0.94448702	
1.25893	1	0.94406		0.87944146		0.96238819	
1.58489	2	C.89125		0.50243832		0.97485845	
1.99526	3	0.84139		0.52133923		0.94338149	
2.51189	4	0.79433		0.53676606		0.98911509	
3.16228	5	C.74989		0.54928959		0.99292242	
3.98108	6	0.70795		0.55941044		0.99542653	
5.01188	7	C.66834		0.56756177		0.99705811	
6.30958	8	0.63096		0.57410875		0.99811549	
7.94329	9	0.59566		C.57935317		0.99879657	
10.00001	10	0.56234		0.58354922		0.99923340	
12.58926	11	0.53088		0.58690084		0.99951240	
15.84894	12	0.50119		0.58957397		0.99969036	
19.95264	13	C.47315		0.59170646		0.99980424	
25.11888	14	0.44668		0.59340332		0.99987505	
31.62280	15	0.42170		0.59475433		0.99992207	
39.81074	16	C.39811		0.59582946			
50.11876	17	C.37584		0.59688533			
63.09577	18	0.35481		0.59736600			
79.43247	19	C.33497		0.59790714			
100.00005	20	0.31623		0.59833640			
125.89260	21	0.29854		0.59867752			
158.48939	22	0.28184		0.59895022			
195.52631	23	0.26607		0.59916578			
251.18873	24	C.25119		0.59933647			
316.22786	25	C.23714		0.59947348			
398.10728	26	C.22387		0.59958096			
501.18735	27	C.21135		0.59966649			
630.95746	28	0.19953		0.59973513			
794.32835	29	C.18836		0.59978880			
1000.00009	30	0.17783		0.59983357			
1258.92548	31	0.16788		0.59986757			

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 115.383141

SIGNAL TO NOISE RATIO	SIGNAL IC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
1584.89320	32	0.15849		0.59939456			
1995.26224	33	0.14962		0.59931609			

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 8145 ON ROOT MEAN SQUARE NOISE = 135.075087

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO CB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C-00C10	-40	1C-C0000	0-C0069556	0-C0049585	0-C0069557	0-00069557	0-00069556
C-00C13	-39	9-44061	0-C0069626	0-C0049585	0-00069626	0-00069626	0-00069626
C-00C16	-38	8-91251	0-C0069713	0-C0049585	0-00069714	0-00069714	0-00069713
C-00C20	-37	8-41395	0-C0069823	0-C0049585	0-00069823	0-00069824	0-00069821
C-00C25	-36	7-94328	0-C0069962	0-C0049585	0-00069962	0-00069963	0-00069962
C-00C32	-35	7-49894	0-C0070136	0-C0049585	0-00070137	0-00070138	0-00070136
C-00C40	-34	7-07946	0-C0070357	0-C0049585	0-00070357	0-00070360	0-00070357
C-00C50	-33	6-68344	0-C0070635	0-C0049585	0-00070635	0-00070641	0-00070635
C-00C63	-32	6-30957	0-C0070988	0-C0049585	0-00070988	0-00070997	0-00070988
C-00C79	-31	5-95662	0-C0071432	0-C0049585	0-00071433	0-00071447	0-00071433
C-00C100	-30	5-62341	0-C0071997	0-C0049585	0-00071998	0-00072020	0-00071997
C-00C126	-29	5-30864	0-C0072713	0-C0049585	0-00072714	0-00072750	0-00072750
C-00C158	-28	5-01187	0-C0073623	0-C0049585	0-00073624	0-00073683	0-00073623
C-00C200	-27	4-73151	0-C0074783	0-C0049585	0-00074785	0-00074879	0-00074784
C-00C251	-26	4-46684	0-00076266	0-C0076585	0-00076259	0-00076422	0-00076267
C-00C316	-25	4-21696	0-C0078170	0-C0078692	0-00078175	0-00078423	0-00078175
C-00C398	-24	3-98107	0-00080526	0-C0081486	0-00080634	0-00081039	0-00080629
C-00C501	-23	3-75837	0-00083813	0-C0085247	0-00083826	0-00084495	0-00083820
C-00C631	-22	3-54813	0-00087982	0-C0090401	0-00088005	0-00089117	0-00087994
C-00C754	-21	3-34965	0-C0093489	0-C0097635	0-00093525	0-00095400	0-00093507
C-01C00	-20	3-16228	0-C0100848	0-C0108097	0-00100908	0-00104117	0-00100878
C-01C259	-19	2-98538	0-C0110829	0-C0123811	0-00110930	0-00116526	0-00110960
C-01C585	-18	2-81838	0-00124612	0-C0148515	0-00124785	0-00134767	0-00124627
C-01C955	-17	2-66072	0-00145066	0-C0189449	0-00144372	0-00162662	0-00144218
C-02C512	-16	2-51189	0-00172266	0-C0261036	0-00172819	0-00207372	0-00172541
C-03C162	-15	2-37137	0-C0214467	0-C0392205	0-00215489	0-00282921	0-00214975
C-03C981	-14	2-23872	0-00280024	0-C0639307	0-00281981	0-00417644	0-00280996
C-05C012	-13	2-11349	0-00386361	0-C1104945	0-00390229	0-00669261	0-00388236
C-06C310	-12	1-99526	0-00567400	0-C1956670	0-00575329	0-01152304	0-00571343
C-07C943	-11	1-88365	0-00892132	0-C3430349	0-00908908	0-02078516	0-00900471
C-10C000	-10	1-77828	0-C1506124	0-C3799673	0-01542462	0-03194732	0-01524185
C-12C589	-9	1-67880	0-02723581	0-C9307374	0-02802508	0-06775266	0-02762889
C-15C849	-8	1-58489	0-05219430	0-14081006	0-05384501	0-11516833	0-05301823
C-19C953	-7	1-49624	0-10361848	0-20074449	0-10669133	0-18334619	0-10516228
C-25C119	-6	1-41254	0-20505349	0-27063581	0-20934450	0-27155990	0-20723356
C-31C623	-5	1-33352	0-38246492	0-34697676	0-3844462	0-37452404	0-38360523

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 135.075087

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C.39811	-4	1.25893	C.62804293	C.42577352	0.62141263	0.48371678	0.62467311
C.50119	-3	1.18850	0.85735468	0.50329196	C.84232803	0.58995934	0.84964241
C.63096	-2	1.12202	0.97400416	0.57654516	C.963357877	0.68583161	0.96440904
C.79433	-1	1.05925	0.59850653	0.64350276	0.99628965	0.76894059	0.73731919
1.00000	0	1.00000	0.599938451	C.70305673	C.99926874	0.83192546	0.79794511
1.25893	1	0.94406		0.75486018	C.99999871	0.88168940	
1.58489	2	0.89125		0.79911441		0.91839764	
1.99526	3	0.84139		0.83637568		0.94466251	
2.51189	4	0.79433		0.86738149	C.96299340	0.96299340	
3.16228	5	0.74589		0.89294260	C.975553252	0.975553252	
3.98108	6	C.70795		C.51365500	C.98397319	0.98397319	
5.01188	7	C.66834		0.93086290	C.98957928	0.98957928	
6.30958	8	0.63096		0.54462875	C.99326541	0.99326541	
7.94329	9	C.59566		0.55572654	0.99566907	0.99566907	
10.00001	10	0.56234		0.56464805	0.99722563	0.99722563	
12.58926	11	C.53088		0.57180199	C.99822778	0.99822778	
15.84894	12	0.50119		0.57752655	0.99887042	0.99887042	
19.95264	13	0.47315		0.58210283	0.99928268	0.99928268	
25.11888	14	0.44668		C.58575302	0.99954382	0.99954382	
31.62280	15	0.42170		C.58866376	0.99971205	0.99971205	
39.81074	16	C.39811		0.59098279	0.99981771	0.99981771	
50.11876	17	0.37584		0.59283025	C.99988504	C.99988504	
63.09577	18	C.35481		0.59430034	0.99994248	0.99994248	
79.43287	19	C.33497		0.59546950			
100.00005	20	C.31623		0.59639890			
125.89260	21	C.29854		0.59713776			
158.48939	22	0.28184		0.59772656			
199.52631	23	C.26607		0.59819347			
251.18873	24	C.25119		0.59856411			
316.22766	25	C.23714		0.59885979			
398.10728	26	C.22387		0.59909332			
501.18735	27	C.21135		0.59927919			
630.95746	28	C.19953		0.59942746			
794.32835	29	C.18836		0.59954455			
1000.00009	30	C.17783		0.59963964			
1258.92548	31	C.16788		0.59971344			

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 135.075087

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO CB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
1584-89320	32	C-15849		0.59977201			
1995-26224	33	C-14962		0.59981897			
2511-88620	34	C-14125		0.59985594			
3162-27725	35	C-13335		0.59988575			
3981-07101	36	C-12589		0.59990868			

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 155.900757

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NCA- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-01000	-20	3.16228	0.00000123	0.00000151	0.00000124	0.00000134	0.00000124
C-01259	-19	2.98538	0.00000142	0.00000201	0.00000143	0.00000163	0.00000142
C-01585	-18	2.81838	0.00000170	0.00000303	0.00000171	0.00000213	0.00000171
C-01955	-17	2.66072	0.00000212	0.00000551	0.00000214	0.00000304	0.00000213
C-02512	-16	2.51189	0.00000280	0.00001246	0.00000283	0.00000495	0.00000282
C-03162	-15	2.37137	0.00000393	0.00003459	0.00000399	0.00000949	0.00000374
C-03981	-14	2.23872	0.00000596	0.00010975	0.00000607	0.00002210	0.00000571
C-05012	-13	2.11349	0.00000986	0.00036258	0.00001314	0.00006188	0.000010
C-06310	-12	1.99526	0.00001810	0.00115469	0.00001882	0.00019789	0.00001247
C-07943	-11	1.88365	0.00003733	0.00336886	0.00003938	0.00066835	0.00003431
C-10000	-10	1.77828	0.00008738	0.00876401	0.00009395	0.00220584	0.0001907
C-12589	-9	1.67880	0.00023367	0.02013651	0.00025669	0.00670221	0.00024410
C-15849	-8	1.58489	0.00071181	0.04094497	0.00079888	0.01806464	0.00075410
C-19953	-7	1.49624	0.00243071	0.07433209	0.00277280	0.04246303	0.00259711
C-25119	-6	1.41254	0.00897811	0.12195985	0.01028069	0.08687115	0.0096164
C-31623	-5	1.33352	0.03371291	0.18332846	0.03796587	0.15589381	0.0358234
C-39811	-4	1.25893	0.11714943	0.25562499	0.12662662	0.24873785	0.12198319
C-50119	-3	1.18850	0.33247166	0.33490246	0.33959357	0.35859755	0.33625710
C-63096	-2	1.12202	0.67598300	0.41662434	0.66059213	0.47492737	0.46600130
C-79433	-1	1.05925	0.93285231	0.49672611	0.90986370	0.58700433	0.42105642
1.00000	0	1.00000	0.99663328	0.57207240	0.99080618	0.63676074	0.49402734
1.25893	1	0.94406	0.99998067	0.64061501	0.99972829	0.76990747	0.99990400
1.58489	2	0.89125		0.70130359	0.999999816	0.93556836	
1.99526	3	0.84140		0.75387924		0.88518555	
2.51189	4	0.79433		0.79863843		0.92136285	
3.16228	5	0.74989		0.83620923		0.94699065	
3.98107	6	0.70795		0.86739592		0.96472725	
5.01187	7	0.66834		0.89305253		0.97677522	
6.30957	8	0.63096		0.91400893		0.98483834	
7.94328	9	0.59566		0.93102896		0.99016909	
10.00000	10	0.56234		0.94478752		0.99366099	
12.58926	11	0.53088		0.95597203		0.99593007	
15.84893	12	0.50119		0.96477471		0.99739619	
19.95262	13	0.47315		0.97191124		0.99833957	
25.11887	14	0.44668		0.97761792		0.99894334	
31.62278	15	0.42170		0.98217669		0.99932927	

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 155.900757

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
39.81072	16	0.39811		0.98581401		0.99957453	
50.11872	17	0.37584		0.58871447		0.99973080	
63.09573	18	0.35481		0.99102469		0.99982972	
79.43282	19	0.33497		0.59286354		0.99989210	
95.99999	20	0.31623		0.99432635		0.99993198	
125.89252	21	0.29854		0.59548987			
158.48929	22	0.28184		0.59641658			
199.52618	23	0.26607		0.59715228			
251.18857	24	0.25119		0.59773666			
316.22766	25	0.23714		0.59820228			
398.10702	26	0.22387		0.59857087			
501.18702	27	0.21135		0.59886410			
630.95705	28	0.19553		0.59909766			
794.32782	29	0.18036		0.59928255			
995.99944	30	0.17783		0.59943151			
1258.92454	31	0.16788		0.59954809			
1584.89215	32	0.15849		0.59964067			
1995.26593	33	0.14962		0.59971463			
2511.88455	34	0.14125		0.59977306			
3162.27499	35	0.13335		0.59981992			
3981.06815	36	0.12589		0.59985638			
5011.86741	37	0.11885		0.59988580			
6309.56726	38	0.11220		0.59990989			

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 167.511761

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. ACN- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C-01000	-20	3.16228	0.00000001	0.00000002	0.00000001	0.00000001	0.00000001
C-01259	-19	2.98538	0.00000001	0.00000003	0.00000002	0.00000002	0.00000001
C-01585	-18	2.81838	0.00000001	0.00000005	0.00000003	0.00000003	0.00000001
C-01955	-17	2.66072	0.00000002	0.00000014	0.00000004	0.00000004	0.00000001
C-02512	-16	2.51189	0.00000004	0.00000048	0.00000004	0.00000009	0.00000001
C-03162	-15	2.37137	0.00000006	0.00000216	0.00000006	0.00000024	0.00000001
C-03581	-14	2.23872	0.00000009	0.00001071	0.00000010	0.00000079	0.00000001
C-05012	-13	2.11349	0.00000017	0.00005260	0.00000018	0.00000338	0.00000001
C-06310	-12	1.99526	0.00000035	0.00023588	0.00000037	0.00001659	0.00000001
C-07943	-11	1.88365	0.00000083	0.00091974	0.00000091	0.00008430	0.00000001
C-10000	-10	1.77828	0.00000235	0.00374994	0.00000263	0.00040149	0.00000001
C-12589	-9	1.67880	0.00000783	0.00856868	0.00000907	0.00168362	0.00000001
C-15849	-8	1.58489	0.00003099	0.02055506	0.00003329	0.00596669	0.00000001
C-19553	-7	1.49624	0.00014400	0.04270809	0.00017943	0.01764246	0.00000001
C-25119	-6	1.41254	0.00076151	0.07819045	0.00096937	0.04362658	0.00000001
C-31623	-5	1.33352	0.00431880	0.12839621	0.00546863	0.09138322	0.00000001
C-39811	-4	1.25893	0.02386618	0.19232815	0.02893979	0.16516673	0.00000001
C-50119	-3	1.18850	0.11192743	0.26685394	0.12513107	0.26298252	0.00000001
C-63096	-2	1.12202	0.37468469	0.34759363	0.38146558	0.37662087	0.00000001
C-79433	-1	1.05925	0.76698802	0.42995576	0.74091288	0.49466034	0.00000001
1.00000	0	1.00000	0.97433344	0.50994616	0.95429123	0.60631133	0.00000001
1.25893	1	0.94406	0.59961254	0.58459896	0.99755406	0.70404485	0.00000001
1.58489	2	0.89125	0.99999969	0.65206209	0.99996981	0.78432238	0.00000001
1.99526	3	0.84140		0.71146737		0.84692950	0.00000001
2.51189	4	0.79433		0.76270199		0.89374468	0.00000001
3.16228	5	0.74989		0.80615610		0.92758356	0.00000001
3.98107	6	0.70795		0.84252480		0.95138286	0.00000001
5.01187	7	0.66834		0.87264125		0.96775785	0.00000001
6.30957	8	0.63096		0.89716912		0.97882921	0.00000001
7.94328	9	0.59566		0.91753560		0.98620894	0.00000001
10.00000	10	0.56234		0.93389186		0.99107424	0.00000001
12.58926	11	0.53088		0.95470353		0.99425235	0.00000001
15.84893	12	0.50119		0.97733698		0.99631418	0.00000001
19.95262	13	0.47315		0.99627465		0.99764486	0.00000001
25.11887	14	0.44668		0.97311117		0.95849891	0.00000001
31.62278	15	0.42170		0.97857815		0.99904574	0.00000001

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 167.511761

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO C8	NORMALIZED RANGE	DET. PRCB. NCN- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
39.81C72	16	0.39811		0.58294374		0.99933408	
5C.11872	17	C.37584		0.58642702		0.99961614	
63.09573	18	0.35481		0.58920295		0.99975697	
75.43282	19	0.33497		0.59141347		0.99984601	
99.99999	20	0.31623		0.59317263		0.99990280	
125.89252	21	0.29854		0.59457224			
158.48924	22	0.28184		0.59568692			
199.52616	23	0.26607		0.59657221			
251.18857	24	C.25119		0.59721559			
316.22766	25	0.23714		0.59783584			
398.10702	26	C.22387		0.59827969			
501.18702	27	G.21135		0.59863273			
63C.95705	28	0.19953		0.99891382			
794.32182	29	C.18836		0.59913651			
999.99944	30	C.17783		0.59931547			
1258.92464	31	C.16788		0.59945590			
1584.89215	32	0.15849		0.59956743			
1995.26093	33	0.14962		0.59965644			
2511.88455	34	C.14125		0.59972685			
3162.27499	35	C.13335		0.59978322			
3981.06815	36	0.12589		0.59982722			
5011.86761	37	C.11885		0.59986263			
6305.56726	38	C.11220		0.59989149			
7941.27423	39	C.10593		0.59991336			

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 178.115669

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PRCH. NON- FLUCTUATING TARGET	DET. PRCH. FLUCTUATING TARGET CASE 1	DET. PRCH. FLUCTUATING TARGET CASE 2	DET. PRCH. FLUCTUATING TARGET CASE 3	DET. PRCH. FLUCTUATING TARGET CASE 4
C-01000	-20	3.18228	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01259	-19	2.98538	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01585	-18	2.81838	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01995	-17	2.66072	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-02512	-16	2.51185	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-03162	-15	2.37137	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-03981	-14	2.23872	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-05012	-13	2.11349	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-06310	-12	1.99526	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-07943	-11	1.88365	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-10000	-10	1.77828	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-12589	-9	1.67880	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-15849	-8	1.58489	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-19953	-7	1.49624	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-25119	-6	1.41254	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-31623	-5	1.33352	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-39811	-4	1.25893	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-50119	-3	1.18850	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-63096	-2	1.12202	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-75433	-1	1.05925	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-10000	0	1.00000	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-12589	1	0.94404	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-15849	2	0.89125	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-19953	3	0.84140	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-25119	4	0.79433	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-31623	5	0.74589	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-39811	6	0.70795	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-50119	7	0.66834	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-63096	8	0.63096	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-75433	9	0.59566	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-10000	10	0.56234	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-12589	11	0.53088	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-15849	12	0.50119	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-19953	13	0.47315	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-25119	14	0.44668	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-31623	15	0.42170	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001

PULSES INTEGRATED INCOHERENTLY = 100
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 178.115659

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
35.81072	16	0.39811		0.98032914		0.99920157	
50.11872	17	0.37584		0.58434260		0.99949369	
63.09573	18	0.35481		0.58754215		0.99967922	
79.43282	19	0.33497		0.59003104		0.99979671	
99.99999	20	0.31623		0.59212013		0.99987155	
125.89252	21	0.29854		0.59373493		0.99991974	
158.48929	22	0.28184		0.59502100			
199.52618	23	0.26607		0.59604274			
251.18857	24	0.25119		0.59685469			
316.22766	25	0.23714		0.59750131			
398.10702	26	0.22387		0.59801382			
501.18702	27	0.21135		0.59842146			
630.95705	28	0.19953		0.59874396			
794.32782	29	0.18836		0.59900313			
999.99944	30	0.17783		0.59920951			
1258.92464	31	0.16788		0.59937172			
1584.89215	32	0.15849		0.59950057			
1995.26093	33	0.14962		0.59960333			
2511.88455	34	0.14125		0.59968465			
3162.27459	35	0.13335		0.59974969			
3981.06815	36	0.12589		0.59980059			
5011.86761	37	0.11885		0.59984147			
6309.56726	38	0.11220		0.59987468			
7943.27423	39	0.10593		0.59990001			

PLUSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 326.363358

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00010	-40	10.00000	0.06719657	C.05988199	C.06719635	0.06719163	0.06719555
C-00013	-39	9.44061	0.06725659	C.05988199	0.06725448	0.06725183	0.06725624
C-00016	-38	8.91251	0.06733222	C.05988199	0.06733128	0.06732756	0.06733278
C-00020	-37	8.41355	0.06742751	C.05988199	0.06742716	0.06742311	0.06742676
C-00025	-36	7.94328	0.06754761	C.05988199	0.06754687	0.06754360	0.06754654
C-00032	-35	7.49894	0.06769904	C.05988199	0.06769809	0.06769568	0.06769876
C-00040	-34	7.07946	0.06789003	C.05988199	0.06788892	0.06788750	0.06788794
C-00050	-33	6.68344	0.06813102	C.05988199	0.06813120	0.06813009	0.06812866
C-00063	-32	6.30957	0.06843531	C.05988199	0.06843339	0.06843652	0.06843524
C-00079	-31	5.95662	0.06881980	C.05988199	0.06882075	0.06882459	0.06881858
C-00100	-30	5.62341	0.06930607	C.05988199	0.06930542	0.06931649	0.06930541
C-00126	-29	5.30884	0.06992181	C.05988199	0.06992168	0.06994112	0.06992571
C-00158	-28	5.01187	0.07070263	C.05988199	0.07070169	0.07073604	0.07070277
C-00200	-27	4.73151	0.07168461	C.05988199	0.07169387	0.07175051	0.07169331
C-00251	-26	4.46684	0.07295775	0.07314991	0.07295768	0.07304953	0.07306771
C-00316	-25	4.21696	0.07457075	0.07487819	0.07457241	0.07471943	0.07466361
C-00358	-24	3.98107	0.07663775	0.07712974	0.07663769	0.07687898	0.07692961
C-00501	-23	3.75837	0.07929807	0.08000283	0.08274291	0.08336461	0.08274051
C-00631	-22	3.54813	0.08274017	0.08924009	0.08922847	0.08922631	0.08722333
C-00794	-21	3.34565	0.08722262	0.09630816	0.09311648	0.09471472	0.09310745
C-01000	-20	3.16228	0.09310512	0.10592226	0.10091049	0.10346464	0.10090369
C-01259	-19	2.98538	0.10089456	0.11904321	0.11134896	0.11538160	0.11133351
C-01585	-18	2.81838	0.11132112	0.13689490	0.12548709	0.13173412	0.12546613
C-01955	-17	2.66072	0.12544367	0.16087219	0.14487468	0.15422542	0.14484157
C-02512	-16	2.51189	0.14480834	0.19232973	0.17180851	0.18496248	0.17175444
C-03162	-15	2.37137	0.17170184	0.23224092	0.20958426	0.22619743	0.20950191
C-03581	-14	2.23872	0.20942879	0.28076553	0.26281536	0.27973520	0.26269851
C-05012	-13	2.11349	0.26260178	0.33707675	0.33727161	0.34607174	0.33716142
C-06310	-12	1.99526	0.33704761	0.39371893	0.43862840	0.42362898	0.43858747
C-07943	-11	1.88365	0.43854236	0.46494728	0.56841929	0.50851727	0.56860571
C-10000	-10	1.77828	0.56881329	0.53116004	0.71542008	0.59528152	0.71708134
C-12589	-9	1.67880	0.71776553	0.59537167	0.85511490	0.67818110	0.85626554
C-15845	-8	1.58489	0.85745785	0.65551713	0.95008467	0.75253798	0.95124742
C-19553	-7	1.49624	0.95241373	0.71020740	0.99056021	0.81551013	0.99112805
C-25119	-6	1.41254	0.99168688	0.99946076	0.99926151	0.86621423	0.99936545
C-31423	-5	1.33352	0.99946076				

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 326.363358

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C.39811	-4	1.25893	0.99999205	0.80082326	0.99998349	0.90529793	0.99998833
C.50119	-3	1.1885C		0.83677832		0.93434218	
C.63C96	-2	1.12202		0.86704028		0.95526678	
C.79433	-1	1.05925		0.89221962		0.96996149	
1.00000	0	1.00000		0.91298327		0.98007190	
1.25893	1	0.94406		0.92997056		0.98691148	
1.58489	2	0.89125		0.94378848		0.99146861	
1.99526	3	0.84139		0.95497579		0.99447445	
2.51189	4	0.79433		0.96399561		0.99644400	
3.16228	5	0.74989		0.97124720		0.99771930	
3.98108	6	C.70795		0.97706393		0.99854055	
5.01188	7	0.66834		0.98172177		0.99906989	
6.30958	8	C.63096		0.98544193		0.99941158	
7.94329	9	C.59566		0.98841192		0.99962559	
10.00001	10	C.56234		0.99077728		0.99976555	
12.58926	11	C.53088		0.99266437		0.99985121	
15.84894	12	C.50119		0.99416891		0.99990717	
19.95264	13	0.47315		0.99536283			
25.11888	14	0.44668		0.99631272			
31.62280	15	0.4217C		0.99706926			
39.81074	16	C.39811		0.99766741			
50.11876	17	G.37584		0.99814972			
62.09577	18	C.35481		0.99853106			
75.43287	19	0.33497		0.99883409			
100.00005	20	0.31623		0.99906992			
125.89260	21	0.29854		0.99926057			
158.48939	22	0.28184		0.99941587			
199.52631	23	C.26607		0.99953667			
251.18873	24	C.25119		0.99962986			
316.22786	25	C.23714		0.99970698			
398.10728	26	C.22387		0.99976175			
501.18735	27	C.21135		0.99981541			
630.95746	28	0.19953		0.99985226			
794.32835	29	0.18836		0.99988253			
1000.00009	30	0.17783		0.99990290			

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 358.473801

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00010	-40	10.00000	0.00069732	0.00056961	0.00069732	0.00069678	0.00069731
C-00013	-39	9.44061	0.00069848	0.00056961	0.00069847	0.00069794	0.00069845
C-00016	-38	8.91251	0.00069953	0.00056961	0.00069993	0.00069940	0.00069991
C-00020	-37	8.41395	0.00070176	0.00056961	0.00070174	0.00070125	0.00070176
C-00025	-36	7.94328	0.00070407	0.00056961	0.00070406	0.00070358	0.00070406
C-00032	-35	7.49894	0.00070699	0.00056961	0.00070699	0.00070652	0.00070697
C-00040	-34	7.07946	0.00071069	0.00056961	0.00071069	0.00071026	0.00071067
C-00050	-33	6.68344	0.00071536	0.00056961	0.00071535	0.00071501	0.00071534
C-00063	-32	6.30957	0.00072128	0.00056961	0.00072128	0.00072104	0.00072127
C-00079	-31	5.95662	0.00072881	0.00056961	0.00072880	0.00072873	0.00072873
C-00100	-30	5.62341	0.00073837	0.00056961	0.00073837	0.00073826	0.00073836
C-00126	-29	5.30884	0.00075058	0.00056961	0.00075057	0.00075040	0.00075040
C-00158	-28	5.01187	0.00076620	0.00056961	0.00076619	0.00076611	0.00076619
C-00200	-27	4.73151	0.00078627	0.00079191	0.00078628	0.00078873	0.00078624
C-00251	-26	4.46684	0.00081223	0.00081223	0.00081225	0.00081624	0.00081224
C-00316	-25	4.21696	0.00084598	0.00086250	0.00084601	0.00085342	0.00084601
C-00358	-24	3.98107	0.00089027	0.00091836	0.00089034	0.00090299	0.00089027
C-00361	-23	3.75837	0.00094896	0.00099760	0.00094909	0.00097082	0.00094909
C-00631	-22	3.54813	0.00102776	0.00111394	0.00102798	0.00106575	0.00102765
C-00794	-21	3.34565	0.00113524	0.00129221	0.00113560	0.00120247	0.00113547
C-01000	-20	3.16228	0.00128473	0.00158002	0.00128540	0.00140665	0.00128501
C-01259	-19	2.98538	0.00149766	0.00207290	0.00149886	0.00172547	0.00149826
C-01585	-18	2.81838	0.00180995	0.00296736	0.00181217	0.00225046	0.00181100
C-01995	-17	2.66072	0.00228402	0.00466479	0.00228819	0.00326752	0.00228613
C-02512	-16	2.51189	0.00303401	0.00794522	0.00304214	0.00486498	0.00303735
C-03162	-15	2.37137	0.00427817	0.01418891	0.00429469	0.00815129	0.00428642
C-03981	-14	2.23872	0.00645547	0.02552330	0.00649030	0.01463214	0.00647266
C-05012	-13	2.11349	0.01049108	0.04468680	0.01056788	0.02718998	0.01052910
C-06310	-12	1.99526	0.01841468	0.07446159	0.01858703	0.05023836	0.01850977
C-07943	-11	1.88365	0.03477419	0.11679573	0.03516015	0.08913638	0.03496834
C-10000	-10	1.77828	0.06960057	0.17201469	0.07041994	0.14838330	0.07000955
C-12589	-9	1.67880	0.14310643	0.23853099	0.14457166	0.22919779	0.14383597
C-15849	-8	1.58489	0.28674916	0.31317899	0.28835784	0.32600525	0.28755641
C-19953	-7	1.49624	0.51954073	0.39196553	0.51893055	0.43702851	0.51926595
C-25119	-6	1.41254	0.78486970	0.47089592	0.77986795	0.54668319	0.78232841
C-31623	-5	1.33352	0.953330722	0.54659288	0.94833305	0.64838054	0.95079357

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 358.473801

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB- NCN- FLUCTUATING TARGET	CET. PROB- FLUCTUATING TARGET CASE 1	CET. PROB- FLUCTUATING TARGET CASE 2	DET. PROB- FLUCTUATING TARGET CASE 3	DET. PROB- FLUCTUATING TARGET CASE 4
C.39811	-4	1.25893	0.99693137	0.61661249	0.99574662	0.73636177	0.99634827
C.50119	-3	1.18850	0.99996072	0.67948917	0.99992403	0.80814619	0.99994981
C.63096	-2	1.12202		0.73460345		0.86392369	
C.79433	-1	1.05925		0.78197350		0.90555478	
1.00000	0	1.00000		0.82205697		0.93562585	
1.25893	1	0.94406		0.85554116		0.95677320	
1.58489	2	0.89125		0.88322718		0.97132257	
1.99526	3	0.84139		0.90593825		0.98116302	
2.51189	4	0.79433		0.92444368		0.98772845	
3.16228	5	0.74989		0.93944441		0.99205619	
3.98108	6	0.70795		0.95155487		0.99488279	
5.01188	7	0.66834		0.96130297		0.99671825	
6.30958	8	0.63096		0.96912208		0.99790469	
7.94329	9	0.59566		0.97538381		0.99866427	
10.00001	10	0.56234		0.98039046		0.99915184	
12.58926	11	0.53082		0.98438646		0.99946131	
15.84894	12	0.50119		0.98757811		0.99965987	
19.95264	13	0.47315		0.99011644		0.99978355	
25.11888	14	0.44668		0.99214027		0.99986266	
31.62280	15	0.42170		0.99374969		0.99991520	
39.81074	16	0.39811		0.99502881			
50.11876	17	0.37584		0.99605149			
63.09577	18	0.35481		0.99686272			
79.43287	19	0.33497		0.99750824			
100.00005	20	0.31623		0.99801595			
125.89260	21	0.29854		0.99842363			
158.48939	22	0.28184		0.99874924			
199.52631	23	0.26607		0.99900863			
251.18873	24	0.25119		0.99920867			
316.22786	25	0.23714		0.99937315			
398.10728	26	0.22307		0.99949708			
501.18735	27	0.21135		0.99960478			
630.95746	28	0.19953		0.99968435			
794.32835	29	0.18836		0.99974803			
1000.00009	30	0.17783		0.99979800			
1258.92548	31	0.16788		0.99984145			

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 358.473801

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB- NCN- FLUCTUATING TARGET	DET. PRCB- FLUCTUATING TARGET CASE 1	DET. PRCB- FLUCTUATING TARGET CASE 2	DET. PRCB- FLUCTUATING TARGET CASE 3	DET. PRCB- FLUCTUATING TARGET CASE 4
1584.89320	32	0.15849		0.59987455			
1995.26224	33	0.14962		0.59989988			
2511.88620	34	0.14125		0.59992115			

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 B S ON ROOT MEAN SQUARE NOISE = 391.157806

SIGNAL TO NCISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
0.00100	-30	5.62341	0.00000077	0.00000053	0.00000077	0.00000077	0.00000076
0.00126	-29	5.30884	0.00000078	0.00000053	0.00000078	0.00000078	0.00000078
0.00158	-28	5.01187	0.00000081	0.00000053	0.00000081	0.00000081	0.00000081
0.00200	-27	4.73151	0.00000084	0.00000084	0.00000084	0.00000084	0.00000084
0.00251	-26	4.46684	0.00000088	0.00000091	0.00000088	0.00000089	0.00000088
0.00316	-25	4.21696	0.00000094	0.00000098	0.00000094	0.00000095	0.00000094
0.00398	-24	3.98107	0.00000101	0.00000110	0.00000101	0.00000104	0.00000101
0.00501	-23	3.75837	0.00000111	0.00000127	0.00000111	0.00000118	0.00000111
0.00631	-22	3.54813	0.00000125	0.00000158	0.00000125	0.00000138	0.00000125
0.00794	-21	3.34965	0.00000145	0.00000216	0.00000146	0.00000169	0.00000145
0.01000	-20	3.16228	0.00000175	0.00000345	0.00000176	0.00000225	0.00000175
0.01259	-19	2.98538	0.00000221	0.00000685	0.00000222	0.00000332	0.00000221
0.01585	-18	2.81838	0.00000295	0.00001748	0.00000296	0.00000568	0.00000295
0.01955	-17	2.66072	0.00000419	0.00005475	0.00000422	0.00001183	0.00000419
0.02512	-16	2.51189	0.00000650	0.00018946	0.00000655	0.00003066	0.00000652
0.03162	-15	2.37137	0.00001106	0.00065172	0.00001118	0.00009628	0.00001112
0.03581	-14	2.23872	0.00002108	0.00207236	0.00002140	0.00033824	0.00002123
0.05012	-13	2.11349	0.00004563	0.00585570	0.00004659	0.00120531	0.00004610
0.06310	-12	1.99526	0.00011368	0.01448183	0.00011694	0.00401522	0.00011531
0.07943	-11	1.88365	0.00032832	0.03135561	0.00034066	0.01186615	0.00033444
0.10000	-10	1.77828	0.00109469	0.05997474	0.00114557	0.03033172	0.00111933
0.12589	-9	1.67880	0.00412086	0.10269339	0.00433794	0.06669672	0.00422832
0.15849	-8	1.58489	0.01665740	0.15977196	0.01752832	0.12708291	0.01709001
0.19953	-7	1.49624	0.06617229	0.22912272	0.06889700	0.21285540	0.06753720
0.25119	-6	1.41254	0.22582354	0.30694982	0.23015235	0.31893742	0.22802113
0.31623	-5	1.33352	0.55972295	0.38871307	0.55726913	0.43534221	0.55847766
0.39811	-4	1.25893	0.89016846	0.47007716	0.88011940	0.55074148	0.88504337
0.50119	-3	1.18850	0.99388479	0.54753663	0.99059637	0.65582325	0.99247420
0.63096	-2	1.12202	0.95997005	0.61868151	0.99989960	0.74501318	0.99942533
0.79433	-1	1.05925		0.68215299	0.99999991	0.81646983	
1.00000	0	1.00000		0.73747837		0.87109083	
1.25893	1	0.94406		0.78480244		0.91128438	
1.58489	2	0.89125		0.82467789		0.93995996	
1.99526	3	0.84140		0.85788051		0.95992430	
2.51189	4	0.79433		0.88526401		0.97354567	
3.16228	5	0.74989		0.90766573		0.98269492	

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 391.157806

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	C.70795		0.52589106		0.98875996	
5.01187	7	C.66834		0.54064736		0.99274205	
6.30958	8	C.63096		0.55254216		0.99533857	
7.94329	9	0.59566		0.56210390		0.99701555	
10.00000	10	0.56234		0.56977186		0.99809643	
12.58926	11	0.53088		0.57590738		0.99878774	
15.84894	12	0.50119		0.58081473		0.99923097	
19.95263	13	C.47315		0.58472624		0.99951094	
25.11887	14	C.44668		0.59784737		0.99968968	
31.62279	15	C.42170		0.59033255		0.99980553	
39.81073	16	0.39811		0.59230999		0.99987669	
50.11874	17	0.37584		0.59368897		0.99992260	
63.09575	18	0.35481		0.59514318			
79.43284	19	0.33497		0.59614123			
100.00000	20	0.31623		0.59692936			
125.89255	21	0.29854		0.59756005			
158.48932	22	C.28184		0.59806300			
199.52623	23	C.26607		0.59846336			
251.18863	24	C.25119		0.59877542			
316.22773	25	C.23714		0.59902895			
398.10711	26	C.22387		0.59922360			
501.18714	27	C.21135		0.59938752			
630.95719	28	C.19953		0.59951176			
794.32801	29	C.18836		0.59961093			
999.99967	30	0.17783		0.59968909			
1258.92454	31	0.16788		0.59975495			
1584.89253	32	C.15849		0.59980581			
1995.26140	33	0.14962		0.59984530			
2511.88516	34	0.14125		0.59987778			
3162.27573	35	C.13335		0.59989961			
3981.06912	36	C.12589		0.59992420			

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 408.913521

SIGNAL TO NCISE RATIO	SIGNAL TO NCISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00126	-29	5.30884	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00158	-28	5.01187	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00200	-27	4.73151	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00251	-26	4.46684	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00316	-25	4.21696	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00398	-24	3.98107	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00501	-23	3.75837	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00631	-22	3.54813	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00794	-21	3.34965	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01000	-20	3.16228	0.00000002	0.00000003	0.00000002	0.00000003	0.00000002
C-01259	-19	2.98538	0.00000003	0.00000009	0.00000003	0.00000005	0.00000004
C-01585	-18	2.81838	0.00000004	0.00000003	0.00000004	0.00000011	0.00000007
C-01995	-17	2.66072	0.00000005	0.00000003	0.00000006	0.00000032	0.00000006
C-02512	-16	2.51169	0.00000010	0.00000010	0.00000010	0.00000128	0.00000010
C-03162	-15	2.37137	0.00000019	0.00011993	0.00000019	0.00000065	0.00000019
C-03681	-14	2.23872	0.00000040	0.00052570	0.00000042	0.00003581	0.00000041
C-05012	-13	2.11349	0.00000103	0.00193513	0.00000107	0.00019276	0.00000105
C-06310	-12	1.9526	0.00000311	0.00594138	0.00000325	0.00091699	0.00000318
C-07543	-11	1.80365	0.00001139	0.01533741	0.00001206	0.00365803	0.0001171
C-10000	-10	1.77828	0.00005054	0.03382364	0.00005437	0.01198703	0.0005242
C-12589	-9	1.67880	0.00026795	0.06496152	0.00029238	0.03229346	0.00027971
C-15849	-8	1.58489	0.00162442	0.11083049	0.00178520	0.07251598	0.00170324
C-19953	-7	1.47624	0.01033504	0.17114326	0.01128387	0.13853597	0.0108037
C-25119	-6	1.41254	0.05994400	0.24326412	0.06379244	0.23040326	0.06187140
C-31623	-5	1.33352	0.25929954	0.32299352	0.26495650	0.34132563	0.26219366
C-39811	-4	1.25893	0.66975082	0.40563900	0.66231661	0.46012311	0.66593964
C-50119	-3	1.18850	0.95773769	0.48692914	0.94804428	0.57524502	0.95286771
C-63056	-2	1.12202	0.99940418	0.56356383	0.99864274	0.67796491	0.99061729
C-79433	-1	1.05925	0.99999974	0.63337012	0.99999709	0.76362547	0.99998015
C-10000	0	1.00000		0.69523348		0.83123657	
C-12589	1	0.94406		0.74885365		0.88227878	
C-15849	2	0.89125		0.79451163		0.91944648	
C-19953	3	0.84140		0.83284804		0.94574714	
C-25119	4	0.79433		0.86467601		0.96392681	
C-31623	5	0.74989		0.89085326		0.97626437	

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 408.913521

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	C.70795		0.51223921		0.98451131	
5.01187	7	C.66834		0.52561180		0.98996203	
6.30558	8	C.63096		C.54365349		0.99353208	
7.94329	9	C.59566		0.55496485		0.99584900	
10.00000	10	C.56234		0.56405105		0.99734668	
12.58926	11	C.53088		0.57133134		C.99830770	
15.84894	12	C.50119		0.57715860		0.99892453	
19.95263	13	C.47315		0.58181005		0.99931581	
25.11887	14	C.44668		0.58552284		G.99956564	
31.62279	15	C.42170		0.58848097		C.99972682	
35.81073	16	C.39811		0.59083596		0.99982679	
50.11874	17	C.37584		0.59271604		0.99989099	
63.09575	18	C.35481		0.59421018		0.99992973	
75.43284	19	C.33457		0.59539931			
100.00001	20	C.31623		0.59633951			
125.89255	21	C.29854		0.59709120			
158.48932	22	C.28184		0.59769036			
199.52623	23	C.26607		0.59816723			
251.18863	24	C.25119		0.59854012			
316.22773	25	C.23714		0.59884199			
398.10711	26	C.22387		0.59907507			
501.18714	27	C.21135		0.59926952			
630.95719	28	C.19953		0.59941802			
794.32801	29	C.18836		0.59953645			
999.99567	30	C.17783		0.59962991			
1258.92454	31	C.16788		0.59970795			
1584.89253	32	C.15849		0.59976848			
1995.26140	33	C.14562		0.59981564			
2511.88516	34	C.14125		0.59985422			
3162.27573	35	C.13335		0.59988090			
3981.06512	36	C.12589		0.59990933			

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 424.877350

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. ACQ- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET (CASE 1)	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00126	-29	5.30384	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00158	-28	5.01187	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00200	-27	4.73151	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00251	-26	4.46684	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00316	-25	4.21696	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00398	-24	3.98107	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00501	-23	3.75837	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00631	-22	3.54813	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00794	-21	3.34965	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01000	-20	3.16228	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01259	-19	2.98538	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01585	-18	2.81838	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01995	-17	2.66072	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-02512	-16	2.51189	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-03162	-15	2.37137	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-03981	-14	2.23872	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-05012	-13	2.11349	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-06310	-12	1.99526	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-07943	-11	1.88365	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-10000	-10	1.77828	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-12589	-9	1.67880	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-15849	-8	1.58489	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-19953	-7	1.49624	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-25119	-6	1.41254	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-31623	-5	1.33352	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-39811	-4	1.25893	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-50119	-3	1.18850	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-63096	-2	1.12202	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-79433	-1	1.05925	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-10000	0	1.00000	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-12589	1	0.94406	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-15849	2	0.89125	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-19953	3	0.84140	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-25119	4	0.79433	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-31623	5	0.74929	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001

PULSES INTEGRATED INCOHERENTLY = 300
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 424.877350

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.92107	6	C.70795		0.50013702		0.98018041	
5.01187	7	C.66834		0.51980049		0.58711141	
6.30958	8	C.63096		0.53573268		0.99167193	
7.94329	9	C.59566		0.54859150		0.99464349	
10.00000	10	C.56234		0.55893634		0.99656974	
12.58926	11	C.53088		0.56723542		0.99780912	
15.84894	12	C.50119		0.57388498		0.99860569	
19.95263	13	C.47315		0.57919554		0.99911246	
25.11887	14	C.44668		0.58343755		0.99943625	
31.62279	15	C.42170		0.58681919		0.99964464	
35.81073	16	C.39811		0.58951256		0.99977465	
50.11874	17	C.37584		0.59166268		0.99985795	
62.09575	18	C.35481		0.59337210		0.99990823	
79.43284	19	C.33497		0.59473274			
100.00001	20	C.31623		0.59580950			
125.89235	21	C.29854		0.59666984			
158.48932	22	C.28184		0.59735546			
195.52623	23	C.26607		0.59790107			
251.78863	24	C.25115		0.59832861			
316.22773	25	C.23714		0.59867393			
398.10711	26	C.22387		0.59894154			
501.18714	27	C.21135		0.59916342			
630.95719	28	C.19953		0.59933374			
794.32801	29	C.18836		0.59946949			
999.99967	30	C.17783		0.59957673			
1258.92494	31	C.16788		0.59966565			
1584.89253	32	C.15849		0.59973491			
1995.26140	33	C.14962		0.59978898			
2511.88516	34	C.14125		0.59983305			
3162.27573	35	C.13335		0.59986407			
3981.06512	36	C.12589		0.59989596			
5011.86884	37	C.11885		0.59991354			

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 1047.804337

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00010	-40	10.00000	0.06737012	0.06297366	0.06737477	0.06724718	0.06737074
C-00013	-39	9.44061	0.06747859	0.06297366	0.06748468	0.06735748	0.06747854
C-00016	-38	8.91251	0.06761532	0.06297366	0.06761737	0.06749648	0.06761570
C-00020	-37	8.41395	0.06778775	0.06297366	0.06779526	0.06767187	0.06778949
C-00025	-36	7.94328	0.06800529	0.06297366	0.06800826	0.06789321	0.06801032
C-00032	-35	7.49894	0.06827991	0.06297366	0.06828009	0.06817281	0.06827974
C-00040	-34	7.07946	0.06862681	0.06297366	0.06863142	0.06852636	0.06863157
C-00050	-33	6.68344	0.06906541	0.06297366	0.06906756	0.06897402	0.06906728
C-00063	-32	6.30957	0.06962056	0.06297366	0.06962506	0.06954157	0.06962722
C-00079	-31	5.95662	0.07032418	0.06297366	0.07032643	0.07026258	0.07033.26
C-00100	-30	5.62341	0.07121751	0.06297366	0.07121918	0.07118079	0.07122219
C-00126	-29	5.30884	0.07235415	0.06297366	0.07236123	0.07235414	0.07236024
C-00158	-28	5.01187	0.07380420	0.06297366	0.07381447	0.07385921	0.07380706
C-00200	-27	4.73151	0.07565983	0.07607289	0.07566170	0.07579966	0.07566658
C-00251	-26	4.46684	0.07804517	0.07807945	0.07805080	0.07831627	0.07804627
C-00316	-25	4.21696	0.08112271	0.08219451	0.08113200	0.08160417	0.08112678
C-00398	-24	3.98107	0.08513006	0.08684824	0.08513419	0.08593720	0.08513430
C-00501	-23	3.75837	0.09037248	0.09311987	0.09037949	0.09170488	0.09038201
C-00631	-22	3.54813	0.09729908	0.10165883	0.09731134	0.09946655	0.09730749
C-00754	-21	3.34965	0.10653865	0.11335060	0.10655891	0.11092781	0.10655585
C-01000	-20	3.16228	0.11902629	0.12935582	0.11903938	0.12453713	0.11904094
C-01259	-19	2.98538	0.13610699	0.15108208	0.13613352	0.14458012	0.13612324
C-01585	-18	2.81838	0.15979725	0.17996251	0.15983506	0.17220397	0.15983147
C-01995	-17	2.66072	0.19307689	0.21717848	0.19313341	0.20975149	0.19310609
C-02312	-16	2.51189	0.24022008	0.26326226	0.24030219	0.25935765	0.24029247
C-03162	-15	2.37137	0.30698897	0.31760257	0.30708730	0.32210035	0.30705310
C-03981	-14	2.23872	0.39999164	0.37863082	0.40007207	0.39708538	0.39997345
C-05012	-13	2.11349	0.52375185	0.44390143	0.52370908	0.48109799	0.52369215
C-06310	-12	1.99526	0.67276800	0.51059354	0.67244546	0.56870303	0.67256416
C-07943	-11	1.88365	0.82328858	0.57597513	0.82261470	0.65402576	0.82293448
C-10000	-10	1.77828	0.93584049	0.63778372	0.93504566	0.73180252	0.93542957
C-12589	-9	1.67880	0.98775651	0.69439869	0.98731006	0.79863376	0.98753382
C-15849	-8	1.58489	0.99915849	0.74490372	0.99907313	0.85306370	0.99911629
C-19953	-7	1.49624	0.99915849	0.78900807	0.99998487	0.89544488	0.99938659
C-25119	-6	1.41254	0.99998816	0.82679826	0.99998487	0.92119767	0.99998488
C-31623	-5	1.33352	0.99998816	0.89871807	0.99998487	0.95022066	0.99998488

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 1047.804337

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO CS	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C.39811	-4	1.25893		0.88534390		0.96647829	
C.50119	-3	1.18850		0.50734746		C.97770476	
C.63096	-2	1.12202		0.52537799		0.98532506	
C.79433	-1	1.05925		0.54006363		0.99041761	
1.00000	0	1.00000		0.55196918		0.99379077	
1.25893	1	C.94406		0.56158116		0.99599113	
1.58489	2	C.89125		0.56929991		0.99742103	
1.99526	3	C.84139		0.57551669		0.99835464	
2.51189	4	C.79433		0.58041203		0.99893954	
3.16228	5	C.74589		0.58444038		0.99934147	
3.98108	6	0.70795		0.58760756		C.99957509	
5.01188	7	0.66834		0.59013849		0.99973485	
6.30958	8	0.63096		0.59215911		0.99982910	
7.94329	9	0.59566		0.59376126		C.99988432	
10.00001	10	0.56234		0.59503373		0.99992881	
12.58926	11	C.53088		0.59604660			
15.84894	12	C.50119		0.59686018			
19.95264	13	C.47315		0.59750265			
25.11888	14	C.44668		0.59800656			
31.62280	15	0.42170		0.59842059			
39.81074	16	C.39811		0.59873794			
50.11876	17	C.37584		0.59899033			
63.09577	18	0.35481		0.59919562			
79.43287	19	0.33497		0.59935482			
100.00005	20	0.31623		0.59950308			
125.89260	21	0.29854		0.59959900			
158.48939	22	0.28184		0.59967572			
199.52631	23	0.26507		0.59974515			
251.18873	24	C.25119		0.59979119			
316.22786	25	0.23714		0.59983196			
398.10720	26	0.22387		0.59986479			
501.18135	27	C.21135		0.59988903			
630.95746	28	C.19953		0.59991520			

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 1067.804337

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO	NORMALIZED RANGE	DET. PROB. MON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-39811	-4	1.25893		0.68534380		0.96647829	
C-50119	-3	1.10850		0.50734746		0.97770476	
C-63096	-2	1.12202		0.52537799		0.98532506	
C-79433	-1	1.05925		0.54006363		0.99041761	
C-90000	0	1.00000		0.55196918		0.99379077	
C-125893	1	0.94406		0.56158116		0.99599113	
C-38449	2	0.89125		0.56929991		0.99742103	
C-59520	3	0.84139		0.57551669		0.99835464	
C-113228	4	0.79433		0.58047203		0.99893954	
C-113228	5	0.74989		0.58444038		0.99934147	
C-48108	6	0.70795		0.58760756		0.99957509	
C-61186	7	0.66834		0.59013849		0.99973485	
C-30958	8	0.63096		0.59215911		0.99982910	
C-794329	9	0.59566		0.59376126		0.99986432	
C-CC01	10	0.56234		0.59503373		0.99992881	
C-50926	11	0.53088		0.59604660			
C-84894	12	0.50119		0.59686018			
C-95266	13	0.47315		0.59750265			
C-11088	14	0.44668		0.59800656			
C-62280	15	0.42170		0.59842059			
C-81074	16	0.39811		0.59873794			
C-11876	17	0.37584		0.59899033			
C-09577	18	0.35481		0.59919562			
C-43287	19	0.33497		0.59935482			
C-00000	20	0.31623		0.59950308			
C-89260	21	0.29854		0.59959900			
C-48939	22	0.28184		0.59967572			
C-52631	23	0.26607		0.59974515			
C-18873	24	0.25119		0.59979119			
C-22786	25	0.23714		0.59983196			
C-10728	26	0.22387		0.99986479			
C-18735	27	0.21135		0.99988803			
C-95746	28	0.19953		0.99991520			

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 1104.200119

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO CB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PR FLUCTUATING TARGET CASE 4
C.39811	-4	1.25893		0.17068639		0.89672049	
C.50119	-3	1.18850		0.61259791		0.92935784	
C.63096	-2	1.12202		0.84770247		0.95244683	
C.79433	-1	1.05925		0.87677958		0.96838677	
1.00000	0	1.00000		0.50067635		0.97920182	
1.25893	1	0.94406		0.52017531		0.98642604	
1.58489	2	0.89125		0.53599037		0.99120120	
1.99526	3	0.84139		0.54878639		0.99433468	
2.51189	4	0.79433		0.55906778		0.99635583	
3.16228	5	0.74989		0.56732621		0.99769234	
3.98108	6	0.70795		0.57394254		0.99852211	
5.01188	7	0.66834		0.57924382		0.99906421	
6.30958	8	0.63096		0.58347579		0.99940134	
7.94329	9	0.59566		0.58684870		0.99962267	
10.00001	10	0.56234		0.58953269		0.99976234	
12.58926	11	0.53088		0.59166965		0.99985988	
15.84894	12	0.50119		0.59338549		0.99991071	
19.95264	13	0.47315		0.59473996			
25.11883	14	0.44668		0.59581316			
31.62280	15	0.42170		0.59667826			
39.81074	16	0.39811		0.59735175			
50.11876	17	0.37584		0.59789045			
63.09577	18	0.35481		0.59832439			
79.43287	19	0.33497		0.59866254			
100.00005	20	0.31623		0.59895193			
125.89260	21	0.29854		0.59916419			
158.48939	22	0.28184		0.59933256			
199.52631	23	0.26607		0.59947039			
251.18873	24	0.25119		0.59957676			
316.22786	25	0.23714		0.59966566			
398.10728	26	0.22387		0.59972863			
501.18735	27	0.21135		0.59978313			
630.95746	28	0.19953		0.59983382			
794.32835	29	0.18836		0.59986356			
1000.00009	30	0.17783		0.59989667			
1258.92548	31	0.16788		0.59991225			

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 1160.142197

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C.00100	-30	5.62341	0.00000082	0.00000060	0.00000082	0.00000083	0.00000051
C.00126	-29	5.30884	0.00000086	0.00000069	0.00000086	0.00000086	0.00000076
C.00158	-28	5.01187	0.00000090	0.00000094	0.00000090	0.00000092	0.00000090
C.00200	-27	4.73151	0.00000096	0.00000103	0.00000097	0.00000099	0.00000096
C.00251	-26	4.46684	0.00000105	0.00000116	0.00000105	0.00000110	0.00000105
C.00316	-25	4.21696	0.00000117	0.00000139	0.00000117	0.00000126	0.00000110
C.00398	-24	3.98107	0.00000133	0.00000181	0.00000133	0.00000151	0.00000133
C.00501	-23	3.75837	0.00000157	0.00000267	0.00000158	0.00000191	0.00000157
C.00631	-22	3.54813	0.00000194	0.00000483	0.00000194	0.00000267	0.00000193
C.00794	-21	3.34965	0.00000250	0.00001136	0.00000251	0.00000426	0.00000250
C.01000	-20	3.16228	0.00000344	0.00003441	0.00000346	0.00000816	0.00000345
C.01259	-19	2.98538	0.00000511	0.00012130	0.00000513	0.00001966	0.00000512
C.01585	-18	2.81838	0.00000831	0.00043838	0.00000833	0.00005958	0.00000831
C.01995	-17	2.66072	0.00001501	0.00148012	0.00001507	0.00021178	0.00001504
C.02512	-16	2.51189	0.00003076	0.00443528	0.00003093	0.00079095	0.00003044
C.03162	-15	2.37137	0.00007256	0.01155762	0.00007312	0.00280686	0.00007264
C.03381	-14	2.23872	0.00019975	0.02615717	0.00020183	0.00885521	0.00020077
C.05012	-13	2.11349	0.00064454	0.05189006	0.00065322	0.02402955	0.00064441
C.06310	-12	1.99526	0.00240909	0.03151819	0.00244776	0.05561235	0.00242840
C.07943	-11	1.88365	0.01003763	0.14579124	0.01021165	0.11052052	0.01012400
C.10000	-10	1.77828	0.04306937	0.21306024	0.04372705	0.19146604	0.04339811
C.12589	-9	1.67880	0.16629288	0.28975330	0.16776867	0.29461318	0.16703134
C.15849	-8	1.58489	0.47768687	0.37133745	0.47774622	0.41051310	0.47767874
C.19953	-7	1.49624	0.85413337	0.453332660	0.85069368	0.52759054	0.85238461
C.25119	-6	1.41254	0.99172892	0.53200850	0.99058551	0.63579993	0.99111971
C.31623	-5	1.33352	0.99996980	0.60471319	0.99995167	0.72872926	0.99992201
C.39811	-4	1.25893		0.66990182		0.80381501	
C.50119	-3	1.18850		0.72694640		0.86173528	
C.63096	-2	1.12202		0.77589547		0.90456203	
C.79433	-1	1.05925		0.81724618		0.93525092	
C.00000	0	1.00000		0.85172667		0.95669544	
C.12589	1	0.94406		0.88021632		0.97136527	
C.15849	2	0.89125		0.80355224		0.98124228	
C.19953	3	0.84140		0.52256982		0.98781174	
C.25119	4	0.79433		0.53795490		0.99212609	
C.31623	5	0.74989		0.55037124		0.99494295	

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 1160.142197

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. ACN- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PRO- FLUCTUATING TARGET CASE 4
3.98107	6	0.70795		0.56035709		0.99676140	
5.01187	7	0.66834		0.56837755		0.99793614	
6.30958	8	0.63096		0.57479685		0.99868702	
7.94329	9	0.59566		0.57992457		0.99916378	
10.00000	10	0.56234		0.58401356		0.99947123	
12.58926	11	0.53088		0.58727360		0.99967472	
15.84894	12	0.50119		0.58988587		0.99979331	
19.95263	13	0.47315		0.59195535		0.99986695	
25.11887	14	0.44668		0.59359817		0.99991482	
31.62279	15	0.42170		0.59491691			
39.81073	16	0.39811		0.59595146			
50.11874	17	0.37584		0.59677742			
63.09575	18	0.35481		0.59743979			
79.43284	19	0.33497		0.59795957			
100.00001	20	0.31623		0.59839334			
125.89255	21	0.29854		0.59872039			
158.48932	22	0.28184		0.59897994			
199.52623	23	0.26607		0.59919029			
251.18863	24	0.25119		0.59935420			
316.22773	25	0.23714		0.59948688			
398.10711	26	0.22387		0.59958816			
501.18714	27	0.21135		0.59967156			
630.95719	28	0.19953		0.59974521			
794.32801	29	0.18836		0.59979319			
999.99967	30	0.17783		0.59984077			
1258.92454	31	0.16788		0.59986784			
1584.89253	32	0.15849		0.59989744			
1995.26140	33	0.14962		0.59991384			

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 1189.985336

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. ACQ- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00126	-29	5.30284	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00158	-28	5.01187	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00200	-27	4.73151	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00251	-26	4.46684	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00316	-25	4.21696	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00398	-24	3.98107	0.00000001	0.00000002	0.00000002	0.00000001	0.00000001
C-00501	-23	3.75937	0.00000001	0.00000004	0.00000002	0.00000002	0.00000002
C-00631	-22	3.54813	0.00000002	0.00000011	0.00000003	0.00000004	0.00000004
C-00754	-21	3.34965	0.00000003	0.00000044	0.00000004	0.00000007	0.00000007
C-01000	-20	3.16228	0.00000004	0.00000233	0.00000005	0.00000019	0.00000019
C-01259	-19	2.98538	0.00000007	0.00001355	0.00000007	0.00000068	0.00000068
C-01585	-18	2.81838	0.00000013	0.00007464	0.00000013	0.00000336	0.00000014
C-01995	-17	2.66072	0.00000027	0.00035629	0.00000027	0.00001959	0.00000027
C-02512	-16	2.51189	0.00000062	0.00141488	0.00000063	0.00011466	0.00000063
C-03162	-15	2.37137	0.00000176	0.00463003	0.00000177	0.00059813	0.00000176
C-03981	-14	2.23872	0.00000599	0.01258960	0.00000609	0.00260133	0.00000609
C-05012	-13	2.11349	0.00002523	0.02894301	0.00002576	0.00918294	0.00002576
C-06310	-12	1.99526	0.00013050	0.05745121	0.00013401	0.02630027	0.00013401
C-07943	-11	1.88365	0.00080603	0.15855455	0.00083093	0.06202068	0.00083093
C-10000	-10	1.77828	0.00552896	0.22902834	0.00570238	0.12312531	0.00570238
C-12589	-9	1.67880	0.03681398	0.19198846	0.03773173	0.21097058	0.03773173
C-15849	-8	1.58489	0.19198846	0.30796760	0.19416704	0.31977206	0.19416704
C-19953	-7	1.49624	0.59706388	0.39064091	0.59555741	0.43864626	0.59555741
C-25119	-6	1.41254	0.94461615	0.47263512	0.94089257	0.55565694	0.94089257
C-31623	-5	1.33352	0.99935109	0.55041885	0.99911168	0.66134545	0.99911168
C-39811	-4	1.25893	0.99999987	0.62163710	0.99999963	0.75032337	0.99999963
C-50119	-3	1.18850		0.68500524		0.82109072	
C-63096	-2	1.12202		0.74010680		0.87482994	
C-79433	-1	1.05925		0.78714883		0.91413913	
1.00000	0	1.00000		0.82670867		0.94205850	
1.25893	1	0.94406		0.85961214		0.96140951	
1.58489	2	0.89125		0.88670830		0.97457330	
1.99526	3	0.84140		0.90888046		0.98339854	
2.51189	4	0.79433		0.92688160		0.98923397	
3.16228	5	0.74989		0.94144736		0.99306229	

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 1189.985336

SIGNAL TO NCISE RATIO	SIGNAL TO NCISE RATIO DB	NORMALIZED RANGE	DET. PROB. NCN- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3-98107	6	0.70795		0.55318672		0.99554601	
5-01187	7	C-66834		0.56262965		0.98715452	
6-30958	8	C-63096		0.57019734		0.99818633	
7-94329	9	0.59566		0.576225034		0.98884405	
1C-00000	10	C-56234		0.58108163		0.99926755	
12-58926	11	C-53088		0.58493621		0.99954522	
15-84894	12	0.50119		0.58802382		0.99971109	
19-95263	13	C-47315		0.59047287		0.99981483	
25-11887	14	C-44668		0.59241845		0.99988183	
31-62279	15	0.4217C		0.59397846		0.99992916	
35-81073	16	0.39811		0.59520518			
5C-11874	17	0.37584		0.59618407			
63-09575	18	0.35481		0.59696814			
79-43284	19	0.33497		0.59758470			
10C-00001	20	0.31623		0.59809544			
125-89255	21	C-29854		0.59848367			
158-48922	22	C-28184		0.59879184			
195-52623	23	0.26607		0.59904086			
251-18863	24	0.25119		0.59923547			
316-22773	25	C-23714		0.59939457			
398-10711	26	C-22387		0.59951322			
501-18714	27	C-21135		0.59961203			
63C-95719	28	C-19953		0.59969792			
794-32801	29	C-18836		0.59975562			
995-95967	30	C-17783		0.59981092			
1258-92494	31	0.16788		0.59984413			
1584-85253	32	0.15849		0.59987860			
1995-26140	33	0.14962		0.59989890			
2511-88516	34	0.14125		0.59991322			

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS OR SCOT MEAN SQUARE NOISE = 1216.516235

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	C-00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00126	-29	5.30884	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00158	-28	5.01187	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00200	-27	4.73151	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00251	-26	4.46684	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00316	-25	4.21696	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00398	-24	3.98107	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00501	-23	3.75837	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00621	-22	3.54813	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00794	-21	3.34965	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01000	-20	3.16228	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01259	-19	2.98538	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01585	-18	2.81838	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01935	-17	2.66072	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-02512	-16	2.51189	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-03162	-15	2.37137	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-03981	-14	2.23872	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-05012	-13	2.11349	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-06310	-12	1.99526	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-07943	-11	1.88365	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-10000	-10	1.77828	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-12589	-9	1.67880	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-15849	-8	1.58489	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-19953	-7	1.49624	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-25119	-6	1.41254	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-31623	-5	1.33352	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-39811	-4	1.25893	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-50119	-3	1.18850	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-63056	-2	1.12202	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-79433	-1	1.05925	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-10000	0	1.00000	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-12589	1	0.94406	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-15849	2	0.89125	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-19953	3	0.84140	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-25119	4	0.79433	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-31623	5	0.74989	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001

PULSES INTEGRATED INCOHERENTLY = 1000
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 1216.516235

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE
3.98107	6	0.70795		0.54685714		0.99431052	
5.01187	7	0.66834		0.55754834		0.99635773	
6.30958	8	0.63096		0.56612750		0.99767478	
7.94329	9	0.59566		0.57299546		0.99851640	
10.00000	10	0.56234		0.57848244		0.999405878	
12.58926	11	0.53088		0.58286237		0.99941234	
15.84894	12	0.50119		0.58537137		0.99962667	
19.95263	13	0.47315		0.58915678		0.99976128	
25.11887	14	0.44668		0.59137084		0.99990769	
31.62279	15	0.42170		0.59314490			
35.81073	16	0.39811		0.59454218			
50.11874	17	0.37584		0.59565689			
63.09575	18	0.35481		0.59654903			
79.43284	19	0.33497		0.59725157			
100.00001	20	0.31623		0.59783066			
125.89255	21	0.29854		0.59827327			
158.48932	22	0.28184		0.59862467			
195.52623	23	0.26607		0.59890801			
251.18863	24	0.25119		0.59912994			
316.22773	25	0.23714		0.59931072			
398.10711	26	0.22387		0.59944662			
501.18714	27	0.21135		0.59955912			
630.95719	28	0.19953		0.59965589			
794.32801	29	0.18836		0.59972223			
999.99967	30	0.17783		0.59978440			
1258.92454	31	0.16788		0.59982306			
1584.89253	32	0.15849		0.59986187			
1995.26140	33	0.14962		0.59988559			
2511.88516	34	0.14125		0.59990265			

PULSES INTEGRATED INCOHERENTLY = 3000
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 3082.502655

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO dB	NORMALIZED RANGE	DET. PROB. NCA- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE
C-00010	-40	10.00000	0.06764535	0.06457669	0.06765959	0.06538589	0.067645
C-00013	-39	9.44061	0.06783264	0.06457669	0.06784513	0.06564701	0.067845
C-00016	-38	8.91251	0.06806898	0.06457669	0.06807018	0.06590708	0.068070
C-00020	-37	8.41395	0.06836741	0.06457669	0.06836767	0.06616941	0.068367
C-00025	-36	7.94328	0.06874453	0.06457669	0.06875286	0.06646145	0.068744
C-00032	-35	7.49894	0.06922153	0.06457669	0.06922191	0.06674677	0.069221
C-00040	-34	7.07946	0.06982559	0.06457669	0.06982624	0.06702105	0.069821
C-00050	-33	6.68344	0.07059172	0.06457669	0.07059535	0.06731304	0.070591
C-00063	-32	6.30957	0.07136523	0.06457669	0.07137880	0.06759002	0.071365
C-00079	-31	5.95662	0.07280300	0.06457669	0.07281244	0.06787038	0.072803
C-00100	-30	5.62341	0.07437309	0.06457669	0.07439731	0.068154015	0.074373
C-00126	-29	5.30884	0.07640326	0.06457669	0.07641371	0.068437211	0.076403
C-00158	-28	5.01187	0.07901007	0.06457669	0.07903831	0.06872559	0.079010
C-00200	-27	4.73151	0.08242127	0.06457669	0.08242729	0.069013704	0.082421
C-00251	-26	4.46684	0.08682864	0.06457669	0.08684867	0.06930118	0.086828
C-00316	-25	4.21656	0.09267664	0.06457669	0.09263517	0.069582506	0.092676
C-00398	-24	3.98107	0.10032108	0.06457669	0.10032135	0.069860925	0.100321
C-00501	-23	3.75237	0.11066303	0.06457669	0.11067307	0.070135931	0.110663
C-00631	-22	3.54813	0.12466085	0.06457669	0.124671540	0.070410490	0.124660
C-00754	-21	3.34565	0.14396562	0.06457669	0.14403442	0.07068659	0.143965
C-01000	-20	3.16228	0.17101007	0.06457669	0.17100818	0.0709517011	0.171010
C-01259	-19	2.98538	0.20913901	0.06457669	0.20925159	0.071217673	0.209139
C-01525	-18	2.81838	0.26349882	0.06457669	0.26343745	0.0714829113	0.263498
C-01595	-17	2.66072	0.34048885	0.06457669	0.3405452	0.071741473	0.340488
C-02512	-16	2.51189	0.4466797	0.06457669	0.44673440	0.0719910710	0.446679
C-03162	-15	2.37137	0.58471015	0.06457669	0.58481255	0.072247673	0.584710
C-03481	-14	2.23872	0.74064503	0.06457669	0.74056521	0.0724910710	0.740645
C-05012	-13	2.11349	0.88175033	0.06457669	0.88149482	0.072735377	0.881750
C-06310	-12	1.94526	0.98800970	0.06457669	0.9875823	0.07297904	0.988009
C-07943	-11	1.88365	0.99531723	0.06457669	0.99423701	0.0732238945	0.995317
C-10000	-10	1.77828	0.99898201	0.06457669	0.99806030	0.073468293	0.998982
C-12589	-9	1.67880	0.99999904	0.06457669	0.99939958	0.07369619	0.999999
C-15849	-8	1.58489	0.99999999	0.06457669	0.99999999	0.073913551	0.999999
C-19951	-7	1.49624	0.99999999	0.06457669	0.99999999	0.074135460	0.999999
C-23119	-6	1.41254	0.99999999	0.06457669	0.99999999	0.074357246	0.999999
C-31623	-5	1.33352	0.99999999	0.06457669	0.99999999	0.074579038	0.999999

PULSES INTEGRATED INCOHERENTLY = 3000
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 3082.502655

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO dB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRLB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRLB. FLUCTUATING TARGET CASE 3	DET. PR FLUCTUATING TARGET CASE
C.39811	-4	1.25893		0.93210989		0.98783704	
C.50119	-3	1.18850		0.54557433		0.99208203	
C.63056	-2	1.12202		0.55339560		0.99490178	
C.79433	-1	1.05925		0.56513379		0.99672348	
1.00000	0	1.00000		0.57215154		0.99791546	
1.25893	1	0.94406		0.57776229		0.99868305	
1.58489	2	0.89125		0.58232049		0.99913951	
1.99526	3	0.84139		0.58588360		0.99945103	
2.51189	4	0.79433		0.58837465		0.99961222	
3.16228	5	0.74989		0.59103569		0.99979411	
3.98108	6	0.70795		0.59284714		0.99984812	
5.01188	7	0.66834		0.59433318		0.99990000	
6.30958	8	0.63096		0.59550149			
7.94329	9	0.59566		0.59640548			
10.00001	10	0.56234		0.59712756			
12.58926	11	0.53088		0.59769391			
15.84894	12	0.50119		0.59819458			
19.95264	13	0.47315		0.59857687			
25.11888	14	0.44668		0.59884274			
31.62280	15	0.42170		0.59908122			
39.81074	16	0.39811		0.59923873			
50.11876	17	0.37584		0.59940991			
63.09577	18	0.35481		0.59950241			
79.287	19	0.33497		0.59958011			
100.00005	20	0.31623		0.59965187			
125.89260	21	0.29854		0.59976333			
158.48939	22	0.28184		0.59979738			
199.51631	23	0.26607		0.59984411			
251.18873	24	0.25119		0.59989495			
316.22786	25	0.23714		0.59985400			
398.10728	26	0.22387		0.59994593			

PULSES INTEGRATED INCOHERENTLY = 3000
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 3178.219116

SIGNAL TC NCISE RATIO	SIGNAL TC NCISE RATIO dB	NORMALIZED RANGE	DET. PRCB- NON- FLUCTUATING TARGET	DET. PRCB- FLUCTUATING TARGET CASE 1	DET. PROB- FLUCTUATING TARGET CASE 2	DET. PROB- FLUCTUATING TARGET CASE 3	DET. PROB- FLUCTUATING TARGET CASE 4
C-39811	-4	1.25893		0.86162145		0.96059743	
C-50119	-3	1.1885C		0.8827945		0.97194609	
C-63C96	-2	1.122C2		0.51007009		C-98295559	
C-79433	-1	1.05925		0.52780133		C-98891301	
1.000C0	0	1.000C0		0.54216323		0.99285346	
1-25893	1	0.94406		0.55373286		0.99540380	
1.58489	2	0.89125		0.56307958		0.99707066	
1.99526	3	0.84139		0.57052502		C-99311926	
2.51189	4	0.79433		0.57650318		0.99879832	
3.16228	5	0.74989		0.58127502		0.99925701	
3.981C8	6	C-70795		0.58506635		0.99952581	
5.01188	7	C-66834		0.58814254		0.99970524	
6.30958	8	0.63C96		0.59057382		0.99990009	
7.94329	9	0.59566		0.59251658		0.99987960	
1C-00001	10	0.56234		0.59400830		0.9997383	
12.58926	11	C-53C88		0.59523680			
15.84894	12	C-50119		0.59623077			
19.95264	13	0.47315		0.59702777			
25.11888	14	C-44668		0.59760032			
31.62280	15	0.42170		0.59811143			
35.81C74	16	C-39811		0.59844958			
5C-11876	17	0.37584		0.59881C92			
63.09577	18	0.35481		0.59903850			
79.43287	19	C-33497		0.59922373			
10C-000C5	20	C-31623		0.59936464			
125.8926C	21	0.29854		0.59951477			
158.48939	22	0.28184		0.59961917			
199.52631	23	C-26607		0.59969274			
251.18873	24	0.25119		0.59976285			
316.22786	25	0.23714		0.59977843			
398.10728	26	C-22387		0.59986304			
501.18735	27	0.21135		0.59985296			
63C-95746	28	0.19953		0.59990063			

PULSES INTEGRATED INCOHERENTLY = 3000
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 3271.856140

SIGNAL FO NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000092	0.00000095	0.00000092	0.00000091	0.00000092
C-00126	-29	5.30884	0.00000058	0.00000106	0.00000099	0.00000100	0.00000098
C-00158	-28	5.01187	0.00000108	0.00000122	0.00000108	0.00000112	0.00000106
C-00200	-27	4.73151	0.00000121	0.00000149	0.00000121	0.00000130	0.00000121
C-00251	-26	4.46684	0.00000139	0.00000201	0.00000140	0.00000159	0.00000139
C-00316	-25	4.21656	0.00000166	0.00000317	0.00000167	0.00000209	0.00000166
C-00398	-24	3.98107	0.00000203	0.00000631	0.00000209	0.00000304	0.00000209
C-00501	-23	3.75837	0.00000274	0.00001667	0.00002274	0.00000515	0.00000274
C-00631	-22	3.54813	0.00000386	0.00005555	0.00000387	0.00001074	0.00000386
C-00794	-21	3.34965	0.00000589	0.00020512	0.00000589	0.00002868	0.00000589
C-01000	-20	3.16228	0.00000990	0.00074100	0.00000991	0.00009543	0.00000999
C-01259	-19	2.98538	0.00001866	0.00242209	0.00001869	0.00035908	0.00001867
C-01585	-18	2.81838	0.00004020	0.00690600	0.00004029	0.00135609	0.00004022
C-01995	-17	2.66072	0.00010061	0.01700679	0.00010091	0.00468583	0.00010072
C-02512	-16	2.51189	0.00029621	0.03637074	0.00029735	0.01405069	0.00029670
C-03182	-15	2.37137	0.00102744	0.06843638	0.00103275	0.03531900	0.00102974
C-03981	-14	2.23872	0.00411960	0.11513389	0.00414308	0.07767748	0.00412923
C-05012	-13	2.11349	0.01810905	0.17604703	0.01821636	0.14510314	0.01815630
C-06310	-12	1.99526	0.07856094	0.24849019	0.07893410	0.23779535	0.07872707
C-07943	-11	1.88365	0.28312427	0.32824209	0.28358933	0.34881390	0.28325063
C-10050	-10	1.77828	0.67899585	0.41069108	0.67820463	0.46206657	0.67854447
C-12589	-9	1.67880	0.95901292	0.49160753	0.95804247	0.58124579	0.95813324
C-15849	-8	1.58489	0.99951326	0.56774550	0.99945795	0.68282633	0.99924421
C-19933	-7	1.49624	0.99999990	0.63703580	0.99999985	0.76740372	0.99999987
C-25119	-6	1.41254		0.69840413		0.83404465	
C-31623	-5	1.33352		0.75149289		0.88430429	
C-39811	-4	1.25893		0.79670843		0.92085480	
C-50119	-3	1.18650		0.83468770		0.94671301	
C-63096	-2	1.12202		0.86617316		0.96460204	
C-79433	-1	1.05925		0.89206972		0.97671300	
C-90000	0	1.00000		0.91322287		0.98482334	
C-12583	1	0.94406		0.93038648		0.99016515	
C-15849	2	0.89125		0.94430429		0.99367633	
C-199526	3	0.84140		0.95546506		0.99593186	
C-251189	4	0.79433		0.96445204		0.99739526	
C-316228	5	0.74913		0.97163921		0.99835958	

PULSES INTEGRATED INCOHERENTLY = 3000
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 3271.85614"

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	0.70795		0.57737496		0.79895356	
5.01187	7	0.66834		0.58200878		0.99934103	
6.30958	8	0.63096		0.58568674		0.99956862	
7.94329	9	0.59566		0.58862477		0.99973289	
10.00000	10	0.56234		0.59091118		0.99985088	
12.58926	11	0.53088		0.59277303		0.99993158	
15.84894	12	0.50119		0.594121			
19.95263	13	0.47315		0.59546914			
25.11887	14	0.44668		0.596178			
31.62279	15	0.42170		0.59712688			
39.81073	16	0.39811		0.59766725			
50.11874	17	0.37584		0.59818949			
63.09575	18	0.35481		0.59854463			
79.43284	19	0.33497		0.59883134			
100.00001	20	0.31623		0.59915302			
125.89255	21	0.29854		0.59926100			
158.48932	22	0.28184		0.59942242			
199.52623	23	0.26607		0.59953666			
251.18863	24	0.25119		0.59963863			
316.22713	25	0.23714		0.59967977			
398.10711	26	0.22387		0.59978505			
501.18714	27	0.21135		0.59979092			
630.95719	28	0.19953		0.59985127			
794.32801	29	0.18836		0.59986604			
999.99967	30	0.17783		0.59990062			

PULSES INTEGRATED INCOMERENLY = 3000
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 3321.309845

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED "ANG	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00126	-29	5.30884	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00158	-28	5.01187	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00200	-27	4.73151	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00251	-26	4.46684	0.00000001	0.00000002	0.00000002	0.00000001	0.00000001
C-00316	-25	4.21696	0.00000002	0.00000005	0.00000002	0.00000002	0.00000001
C-00398	-24	3.98107	0.00000003	0.00000017	0.00000003	0.00000004	0.00000002
C-00501	-23	3.75837	0.00000004	0.00000081	0.00000004	0.00000009	0.00000003
C-00631	-22	3.54813	0.00000005	0.00000047	0.00000006	0.00000028	0.00000005
C-00794	-21	3.34965	0.00000008	0.00000285	0.00000009	0.00000118	0.00000009
C-01000	-20	3.16228	0.00000016	0.00001508	0.00000016	0.00000659	0.00000016
C-01259	-19	2.98538	0.00000034	0.00006765	0.00000034	0.00004072	0.00000034
C-01585	-18	2.81938	0.00000085	0.000249362	0.00000085	0.00023697	0.00000085
C-01955	-17	2.65072	0.00000256	0.00754596	0.00000257	0.00117590	0.00000256
C-02512	-16	2.51189	0.00000949	0.01903158	0.00000956	0.00474262	0.00000952
C-03162	-15	2.37137	0.00004394	0.04085608	0.00004429	0.01536538	0.00004419
C-03981	-14	2.23872	0.00025085	0.07636014	0.00025336	0.04382247	0.00025077
C-05012	-13	2.11349	0.00169564	0.12697805	0.00171498	0.08790033	0.00170571
C-06310	-12	1.99526	0.01231430	0.19161994	0.01244363	0.16254672	0.01237574
C-07943	-11	1.88365	0.08037854	0.26695174	0.08096073	0.26210758	0.08064727
C-10000	-10	1.77828	0.35901326	0.34846696	0.35957968	0.37774074	0.35906631
C-12589	-9	1.67880	0.82108469	0.43142128	0.81947062	0.47741247	0.82007271
C-15849	-8	1.58489	0.99349713	0.51177292	0.99306147	0.60397071	0.99309705
C-19953	-7	1.49624	0.99999425	0.58660116	0.99999246	0.70793939	0.99965744
C-25119	-6	1.41254		0.65409894		0.78792500	0.99999977
C-31623	-5	1.33352		0.71336120		0.84997873	
C-39811	-4	1.25893		0.76441900		0.89614203	
C-50119	-3	1.18850		0.80769821		0.92938852	
C-63096	-2	1.12202		0.84384799		0.95271325	
C-79433	-1	1.05925		0.87375513		0.96869285	
1-00000	0	1.00000		0.89829715		0.97948612	
1-25893	1	0.94406		0.91828646		0.98665184	
1-58489	2	0.89125		0.93453547		0.99138355	
1-99526	3	0.84140		0.94760498		0.99444591	
2-51189	4	0.79433		0.95814426		0.99643750	
3-16228	5	0.74989		0.96658790		0.99774495	

PLUSES INTEGRATED INCOHERENTLY = 3000
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 3321.309845

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	0.70795		0.57333664		0.99856050	
5.01187	7	0.66834		0.57878438		0.99909037	
6.30958	8	0.63096		0.58311502		0.99940912	
7.94329	9	0.59566		0.58657532		0.99963157	
10.00000	10	0.56234		0.58927911		0.99978660	
12.58926	11	0.53088		0.59147397		0.99987064	
15.84894	12	0.50119		0.59323763		0.99990757	
19.95263	13	0.47315		0.59464752			
25.11887	14	0.44668		0.59570815			
31.62279	15	0.42170		0.59660724			
39.81073	16	0.39811		0.59725424			
50.11874	17	0.37584		0.59786122			
63.09575	18	0.35481		0.59828379			
75.43284	19	0.33497		0.59862409			
100.00001	20	0.31623		0.59888834			
125.89255	21	0.29854		0.59913616			
158.48932	22	0.28184		0.59931848			
199.52623	23	0.26607		0.59945410			
251.18663	24	0.25119		0.59957304			
316.22773	25	0.23714		0.59962766			
398.10711	26	0.22387		0.59974366			
501.18714	27	0.21135		0.59975803			
630.95719	28	0.19953		0.59982515			
794.32801	29	0.18836		0.59984530			
995.99567	30	0.17783		0.59988413			
1258.92494	31	0.16788		0.59989501			
1584.89253	32	0.15849		0.59993648			

PULSES INTEGRATED INCOHERENTLY = 3000
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 3364.993011

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00126	-29	5.30884	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00158	-28	5.01187	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00200	-27	4.73151	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00251	-26	4.46684	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00316	-25	4.21696	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00398	-24	3.98107	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00501	-23	3.75837	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00631	-22	3.54813	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00794	-21	3.34965	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01000	-20	3.16228	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01259	-19	2.98538	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01585	-18	2.81838	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-01595	-17	2.66072	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-02512	-16	2.51189	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-03162	-15	2.37137	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-03981	-14	2.23872	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-05012	-13	2.11349	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-06310	-12	1.99526	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-07943	-11	1.88365	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-10000	-10	1.77828	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-12589	-9	1.67880	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-15849	-8	1.58489	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-19953	-7	1.49624	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-25119	-6	1.41254	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-31623	-5	1.33352	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-39811	-4	1.25893	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-50119	-3	1.18850	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-63056	-2	1.12202	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-79433	-1	1.05925	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
1-00000	0	1.00000	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
1-25893	1	0.94406	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
1-58489	2	0.89125	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
1-99526	3	0.84140	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
2-51189	4	0.79433	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
3-16228	5	0.74989	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001

PULSES INTEGRATED INCURRENTLY = 3000
 FALSE ALARM ALPHER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 3364.993011

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	0.70795		0.56978338		0.99616217	
5.01187	7	0.66834		0.57594503		0.9983594	
6.30958	8	0.63096		0.58084895		0.99924701	
7.94329	9	0.59566		0.58476852		0.99952849	
10.00000	10	0.56234		0.58783971		0.99972118	
12.58926	11	0.53088		0.59032791		0.99982914	
15.84894	12	0.50119		0.59232554		0.99988158	
19.95263	13	0.47315		0.59392191		0.9999435	
25.11887	14	0.44668		0.59513112			
31.62279	15	0.42170		0.59614845			
35.81073	16	0.39811		0.59688956			
50.11874	17	0.37584		0.59757136			
63.09575	18	0.35481		0.59805343			
75.43284	19	0.33497		0.59844104			
100.00001	20	0.31623		0.59874251			
125.89255	21	0.29854		0.59902061			
158.48932	22	0.28184		0.59922666			
199.52623	23	0.26607		0.59939145			
251.18863	24	0.25119		0.59951509			
316.22773	25	0.23714		0.59958164			
398.10711	26	0.22387		0.59970709			
501.18714	27	0.21135		0.59972899			
630.95719	28	0.19953		0.59980207			
794.32801	29	0.18836		0.59982697			
999.99967	30	0.17783		0.59986957			
1258.92494	31	0.16788		0.59988144			
1584.89253	32	0.15845		0.59992730			

PULSES INTEGRATED INCOMERENTLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 6116.506836

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00010	-40	10.00000	0.06794280	0.06526452	0.06790955	0.06632439	0.06788676
C-00013	-39	9.44061	0.06820799	0.06526452	0.06816818	0.06724823	0.06811944
C-00016	-38	8.91251	0.06854296	0.06526452	0.06851017	0.06764948	0.06850167
C-00020	-37	8.41395	0.06896644	0.06526452	0.06890710	0.06816605	0.06892842
C-00025	-36	7.94328	0.06950241	0.06526452	0.06946688	0.06876200	0.06944932
C-00032	-35	7.49894	0.07018165	0.06526452	0.07020005	0.06952763	0.07017058
C-00040	-34	7.07946	0.07103052	0.06526452	0.07101636	0.07048351	0.07102362
C-00050	-33	6.68344	0.07216087	0.06526452	0.07210533	0.07168329	0.07212085
C-00063	-32	6.30957	0.07356041	0.06526452	0.07352914	0.07319877	0.07351380
C-00079	-31	5.95662	0.07536225	0.06526452	0.07528882	0.07512859	0.07535124
C-00100	-30	5.62341	0.07772498	0.067825594	0.07758257	0.07763793	0.07758619
C-00126	-29	5.30884	0.08071169	0.08161620	0.08060696	0.08082345	0.08060340
C-00158	-28	5.01187	0.08464486	0.08610410	0.08440184	0.08503902	0.08444273
C-00200	-27	4.73151	0.08975280	0.09214077	0.08951989	0.09063073	0.08952127
C-00251	-26	4.46684	0.09649294	0.1003287	0.09616549	0.09814173	0.09631596
C-00316	-25	4.21696	0.10550327	0.11171568	0.10500810	0.10835548	0.10535234
C-00398	-24	3.98107	0.11769449	0.12727378	0.11702163	0.12240083	0.11735254
C-00501	-23	3.75837	0.13441482	0.14848455	0.13350307	0.14184949	0.13394291
C-00631	-22	3.54813	0.15774733	0.17681196	0.15629870	0.16876490	0.15695804
C-00794	-21	3.34965	0.19066972	0.21342040	0.18856183	0.20554806	0.18440873
C-01000	-20	3.16229	0.23776659	0.25942437	0.23411024	0.25444803	0.23558771
C-01259	-19	2.98538	0.30507611	0.31362091	0.29921654	0.31669135	0.30194321
C-01585	-18	2.81838	0.39964955	0.37458121	0.39106792	0.39150907	0.39503249
C-01955	-17	2.66072	0.50112814	0.43999436	0.51495979	0.47603625	0.50765070
C-02512	-16	2.51189	0.65366045	0.50652139	0.66589379	0.56418884	0.65918614
C-03162	-15	2.37137	0.81213826	0.57267964	0.82035216	0.65037923	0.81619357
C-03981	-14	2.23872	0.93299364	0.63491836	0.93642223	0.72085615	0.93479370
C-05012	-13	2.11349	0.98806147	0.69193616	0.98879039	0.79642431	0.98843940
C-06310	-12	1.99526	0.99932188	0.74286150	0.99936604	0.85149384	0.99934501
C-07543	-11	1.88365	0.99999387	0.78727237	0.99999420	0.89439936	0.99999540
C-10000	-10	1.77828	0.85752012	0.85752010	0.85752010	0.92649531	0.92649531
C-12589	-9	1.67880	0.88438169	0.88438169	0.88438169	0.94978626	0.94978626
C-15849	-8	1.58489	0.50660083	0.50660083	0.50660083	0.96613946	0.96613946
C-19953	-7	1.49624	0.52473641	0.52473641	0.52473641	0.97756004	0.97756004
C-25114	-6	1.41254	0.93363487	0.93363487	0.93363487	0.98522380	0.98522380
C-31623	-5	1.33352				0.99036244	0.99036244

PULSES INTEGRATED INCOHERENTLY = 6000
 FALSE ALARM NUMBER * 10 TO THE POWER 1.
 BIAS ON ROOT MEAN SQUARE NOISE = 6116.506936

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
0.39811	-4	1.25893		0.55152774		0.99174474	
0.50119	-3	1.18850		0.56124772		0.99606664	
0.63056	-2	1.12202		0.56902345		0.99745069	
0.79433	-1	1.05925		0.57525822		0.99841047	
1.00000	0	1.00000		0.58033603		0.99898981	
1.25893	1	0.94406		0.58434416		0.99936150	
1.58489	2	0.89125		0.58754816		0.99964213	
1.99526	3	0.84139		0.59004770		0.99976971	
2.51129	4	0.79433		0.59208944		0.99992498	
3.16228	5	0.74589		0.59370955			
3.98108	6	0.70795		0.59503149			
5.01188	7	0.66834		0.59599887			
6.30957	8	0.63096		0.59686599			
7.94329	9	0.59566		0.59759222			
10.00001	10	0.56234		0.59803366			
12.58926	11	0.53088		0.59840925			
15.84854	12	0.50119		0.59869440			
19.95264	13	0.47315		0.59895930			
25.11888	14	0.44668		0.59923144			
31.62280	15	0.42170		0.59936521			
39.81074	16	0.39811		0.59945170			
50.11876	17	0.37584		0.59960095			
63.09517	18	0.35481		0.59975096			
79.43287	19	0.33497		0.59969883			
100.00005	20	0.31623		0.59976342			
125.89260	21	0.29854		0.59981558			
158.48939	22	0.28184		0.59983515			
199.52631	23	0.26607		0.59994275			

PULSES INTEGRATED INCOHERENTLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 6250.762695

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET
			CASE 1	CASE 2	CASE 3	CASE 4	
C-00C10	-40	10.00000	0.00071134	0.00071117	0.00072478	0.00071084	
C-00C13	-39	9.44061	0.00071636	0.00071643	0.00072912	0.00071602	
C-00C16	-38	8.91251	0.00072272	0.00072218	0.00073477	0.00072216	
C-00C20	-37	8.41395	0.00073081	0.00073060	0.00074215	0.00073043	
C-00C25	-36	7.94328	0.00074111	0.00074108	0.00075180	0.00074055	
C-00C32	-35	7.49894	0.00075427	0.00075413	0.00076447	0.00075381	
C-00C40	-34	7.07946	0.00077119	0.00077106	0.00078116	0.00077044	
C-00C50	-33	6.68344	0.00079311	0.00079297	0.00080325	0.00079310	
C-00C63	-32	6.30957	0.00082126	0.00082114	0.00083270	0.00082126	
C-00C79	-31	5.95662	0.00085835	0.00085759	0.00087233	0.00085744	
C-00C100	-30	5.62341	0.00090751	0.00090570	0.00092639	0.00090615	
C-00C126	-29	5.30884	0.00097199	0.00097078	0.00100146	0.00097067	
C-00C158	-28	5.01187	0.00106009	0.00105844	0.00110828	0.00105843	
C-00C200	-27	4.73151	0.00118048	0.00117721	0.00126518	0.00117876	
C-00C251	-26	4.46684	0.00135030	0.00134549	0.00150526	0.00134777	
C-00C316	-25	4.21696	0.00159524	0.00158832	0.00189206	0.00159273	
C-00C399	-24	3.98107	0.00196029	0.00194868	0.00255460	0.00195457	
C-00C501	-23	3.75837	0.00252736	0.00250964	0.00376750	0.00251834	
C-00C631	-22	3.54813	0.00344799	0.00341970	0.00612611	0.00343234	
C-00C754	-21	3.34965	0.00503191	0.00497720	0.01088838	0.00500515	
C-00C800	-20	3.16228	0.00742231	0.00780277	0.02051656	0.00785695	
C-00C859	-19	2.90528	0.01353373	0.01328536	0.03903496	0.01340057	
C-00C1585	-18	2.66072	0.02517416	0.02442036	0.07216407	0.02489597	
C-00C1955	-17	2.51179	0.05068268	0.04933063	0.12510543	0.05002917	
C-00C2512	-16	2.37137	0.10794095	0.10421276	0.20053168	0.10607739	
C-00C3162	-15	2.23872	0.23196571	0.22174259	0.29617727	0.22661150	
C-00C3821	-14	2.11349	0.46451341	0.36879162	0.40484165	0.45113278	
C-00C5012	-13	1.99526	0.71621079	0.44865359	0.51670051	0.72038940	
C-00C6310	-12	1.88365	0.93530134	0.52598600	0.62240635	0.93803380	
C-00C7543	-11	1.77828	0.99652917	0.59807745	0.71511526	0.99605747	
C-00C10000	-10	1.67886	1.99998372	0.66324296	0.79161656	0.99998430	
C-00C12589	-9	1.58489		0.72061773	0.85158830		
C-00C15849	-8	1.49624		0.77014607	0.89665010		
C-00C19953	-7	1.41254		0.81213760	0.92938226		
C-00C25119	-6	1.33352		0.84734571	0.95247319		
C-00C31623	-5			0.87652565	0.96840223		

PULSES INTEGRATED INCOMEARENLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 3.
 BIAS ON ROOT MEAN SQUARE NOISE = 6250.762695

SIGNAL IC NCISE RATIO	SIGNAL IC NCISE RATIO CB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-39811	-4	1-25893		0.50041753		0.97921357	
C-50119	-3	1-1885C		0.51997224		0.98648611	
C-63096	-2	1-12202		0.53581897		0.99124474	
C-79433	-1	1-05925		0.54860759		0.99435699	
1-00000	0	1-00000		0.55893778		0.99638803	
1-25893	1	C-94406		0.56726452		0.99770180	
1-58489	2	C-89125		0.57389045		0.99855108	
1-99526	3	C-84139		0.57918379		0.99904308	
2-51189	4	C-79433		0.58340211		0.99945832	
3-16228	5	C-74985		0.58675974		0.99965544	
3-98108	6	0.70795		0.58951085		0.99981152	
5-01188	7	C-66834		0.59163227		0.99987830	
6-30958	8	0.63096		0.59334953		0.99992101	
7-94329	9	0.59566		0.59476898			
1C-00001	10	C-56234		0.59580669			
12-58926	11	C-53088		0.59665836			
15-24894	12	C-50119		0.59728694			
15-95264	13	C-47315		0.59785493			
25-11888	14	C-44668		0.59833766			
31-62280	15	C-42170		0.59862618			
39-81074	16	0.39811		0.59889567			
63-09577	17	0.37584		0.59913489			
75-43287	18	C-35481		0.59935126			
100-00005	19	0.33497		0.59940148			
125-89260	20	C-31623		0.59952737			
158-48939	21	C-29854		0.59959426			
194-52631	22	C-28184		0.59968515			
251-18873	23	C-26607		0.59982868			
316-22186	24	C-25119		0.59978761			
398-10728	25	C-23714		0.59986571			
501-18735	26	C-22387		0.59986204			
	27	0.21135		0.59990420			

PULSES INTEGRATED INCOHERENTLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 6381.356019

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000102	0.00000113	0.00000103	0.00000106	0.00000103
C-00126	-29	5.30884	0.00000114	0.00000133	0.00000114	0.00000121	0.00000113
C-00158	-28	5.01187	0.00000129	0.00000170	0.00000129	0.00000143	0.00000129
C-00200	-27	4.73151	0.00000151	0.00000184	0.00000151	0.00000180	0.00000151
C-00251	-26	4.46684	0.00000185	0.00000228	0.00000184	0.00000247	0.00000185
C-00316	-25	4.21696	0.00000236	0.00000285	0.00000235	0.00000384	0.00000236
C-00398	-24	3.98107	0.00000320	0.00000485	0.00000320	0.00000715	0.00000320
C-00501	-23	3.75837	0.00000469	0.00000770	0.00000467	0.00001685	0.00000469
C-00631	-22	3.54813	0.00000751	0.00001177	0.00000744	0.00005108	0.00000747
C-00794	-21	3.34965	0.00001335	0.00001988	0.00001321	0.00018545	0.00001327
C-01000	-20	3.16228	0.00002691	0.00004266	0.00002652	0.00071582	0.00002671
C-01259	-19	2.98538	0.00006259	0.00013418	0.00006151	0.00262628	0.00006195
C-01585	-18	2.81838	0.00013771	0.0002594116	0.00016720	0.00851391	0.00016849
C-01955	-17	2.66072	0.00035158	0.0005179662	0.00033146	0.02355817	0.00034515
C-02512	-16	2.51189	0.00069755	0.0009168810	0.00062849	0.05521126	0.00062669
C-03162	-15	2.37137	0.000907055	0.0014632083	0.000869106	0.11053817	0.00087953
C-03981	-14	2.23872	0.00131850	0.0021399403	0.003916433	0.19222541	0.0019265
C-05012	-13	2.11345	0.001721348	0.0029105535	0.00508275	0.29620281	0.00508275
C-06310	-12	1.99526	0.00295936	0.0037289253	0.0048442859	0.41280701	0.0048442859
C-07943	-11	1.88365	0.005888791	0.005501383	0.007305677	0.53023715	0.005501383
C-10000	-10	1.77828	0.009468861	0.009372490	0.009521781	0.63846424	0.009372490
C-12589	-9	1.67880	0.009999335	0.00635823	0.009999367	0.73115576	0.009999367
C-15849	-8	1.58489	0.009999335	0.00635823	0.009999367	0.80591670	0.009999367
C-19953	-7	1.49624	0.009999335	0.00635823	0.009999367	0.85336859	0.009999367
C-25119	-6	1.41254	0.009999335	0.00635823	0.009999367	0.90581343	0.009999367
C-31623	-5	1.33352	0.009999335	0.00635823	0.009999367	0.93612903	0.009999367
C-39811	-4	1.25893	0.009999335	0.00635823	0.009999367	0.95731024	0.009999367
C-50119	-3	1.18850	0.009999335	0.00635823	0.009999367	0.97183766	0.009999367
C-61096	-2	1.12202	0.009999335	0.00635823	0.009999367	0.98156331	0.009999367
C-79433	-1	1.05925	0.009999335	0.00635823	0.009999367	0.98801866	0.009999367
C-00000	0	1.00000	0.009999335	0.00635823	0.009999367	0.99226916	0.009999367
C-25893	1	0.94406	0.009999335	0.00635823	0.009999367	0.99404140	0.009999367
C-58489	2	0.89125	0.009999335	0.00635823	0.009999367	0.99684203	0.009999367
C-99526	3	0.84140	0.009999335	0.00635823	0.009999367	0.99794771	0.009999367
C-51189	4	0.79433	0.009999335	0.00635823	0.009999367	0.99875912	0.009999367
C-16228	5	0.74989	0.009999335	0.00635823	0.009999367	0.99920981	0.009999367

PULSES INTEGRATED INCOHERENTLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 6.
 BIAS ON ROOT MEAN SQUARE NOISE = 6381.356079

SIGNAL IC NOISE RATIO	SIGNAL IC NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
3.98107	6	0.70795		0.58411618		0.99952853	
5.01187	7	0.66834		0.58733526		0.99969869	
6.30958	8	0.63096		0.58992924		0.99980721	
7.34329	9	0.59566		0.59204547		0.99991111	
10.00000	10	0.56234		0.59364164			
12.58926	11	0.53088		0.59493662			
15.84854	12	0.50119		0.59591824			
19.95261	13	0.47315		0.59676666			
25.11887	14	0.44660		0.59747293			
31.62274	15	0.42170		0.59793918			
39.81073	16	0.39811		0.59834965			
50.11874	17	0.37584		0.59870087			
63.09375	18	0.35481		0.59900651			
79.43284	19	0.33497		0.59912730			
100.00001	20	0.31623		0.59930955			
125.89255	21	0.29854		0.59942119			
158.48932	22	0.28184		0.59954766			
199.52623	23	0.26607		0.59971952			
251.18863	24	0.25119		0.59970053			
316.22773	25	0.23714		0.59979681			
398.10711	26	0.22387		0.59980696			
501.18714	27	0.21135		0.59986072			
630.95719	28	0.19953		0.59986343			
794.32801	29	0.18836		0.59993129			

PULSES INTEGRATED INCOHERENTLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 6450.042297

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PRCB. NON- FLUCTUATING TARGET	DET. PRCB. FLUCTUATING TARGET CASE 1	DET. PRCB. FLUCTUATING TARGET CASE 2	DET. PRCB. FLUCTUATING TARGET CASE 3	DET. PRCB. FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00126	-29	5.30884	0.00000001	0.00000001	0.00000001	0.00000001	0.00000001
C-00158	-28	5.01187	0.00000001	0.00000002	0.00000001	0.00000001	0.00000001
C-00200	-27	4.73151	0.00000002	0.00000004	0.00000002	0.00000002	0.00000002
C-00252	-26	4.46684	0.00000002	0.00000009	0.00000002	0.00000003	0.00000001
C-00316	-25	4.21696	0.00000003	0.00000036	0.00000003	0.00000006	0.00000002
C-00398	-24	3.98107	0.00000004	0.00000194	0.00000004	0.00000015	0.00000004
C-00501	-23	3.75837	0.00000007	0.00001187	0.00000007	0.00000054	0.00000007
C-00631	-22	3.54813	0.00000012	0.00008866	0.00000012	0.00000273	0.00000011
C-00794	-21	3.34965	0.00000022	0.00034057	0.00000022	0.00001668	0.00000023
C-01000	-20	3.16228	0.00000052	0.00138905	0.00000051	0.00010302	0.00000051
C-01259	-19	2.98538	0.00000143	0.00462306	0.00000141	0.00056300	0.00000142
C-01585	-18	2.81838	0.00000480	0.01269301	0.00000470	0.00253322	0.00000475
C-01955	-17	2.66072	0.00002006	0.02932192	0.00001957	0.00914199	0.00001983
C-02512	-16	2.51189	0.00010509	0.05830315	0.00010169	0.02651340	0.00010335
C-03162	-15	2.37137	0.00067347	0.10207336	0.00064637	0.06291050	0.00065935
C-03981	-14	2.23872	0.00494494	0.16070880	0.00469483	0.12512923	0.00481413
C-05012	-13	2.11349	0.03628067	0.23179627	0.0390341	0.21426715	0.03505261
C-06310	-12	1.99526	0.20994458	0.31116845	0.19231325	0.32419516	0.20050130
C-07543	-11	1.88365	0.57884534	0.39405332	0.5352417	0.44368310	0.60285210
C-10000	-10	1.77828	0.95648812	0.47608386	0.9162254	0.56073955	0.95885829
C-12589	-9	1.67880	0.99979001	0.55371986	0.99980801	0.66600846	0.99958993
C-15849	-8	1.58489	0.99999999	0.62468996	0.99999999	0.75429077	0.99954647
C-19553	-7	1.49624		0.68770508		0.82427322	
C-25119	-6	1.41254		0.74246924		0.87727132	
C-31623	-5	1.33352		0.78918361		0.91589697	
C-39811	-4	1.25893		0.82831940		0.94330231	
C-50119	-3	1.18850		0.86100513		0.96231990	
C-63056	-2	1.12202		0.88784695		0.97519354	
C-79433	-1	1.05925		0.90977143		0.98380665	
C-10000	0	1.00000		0.92761841		0.98951053	
C-12589	1	0.94406		0.94208394		0.99324838	
C-15849	2	0.89125		0.95349700		0.99543665	
C-195526	3	0.84140		0.96302105		0.99720305	
C-251189	4	0.79433		0.97048590		0.99828219	
C-316228	5	0.74989		0.97645111		0.99890932	

PULSES INTEGRATED INCOHERENTLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 8.
 BIAS ON ROOT MEAN SQUARE NOISE = 6450.042297

SIGNAL TC NOISE RATIO	SIGNAL TC NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	0.70795		0.58129050		0.99933460	
5.01187	7	0.66834		0.58508272		0.99957541	
6.30958	8	0.63096		0.58813486		0.99972896	
7.94329	9	0.59566		0.59061830		0.99986151	
10.00000	10	0.56234		0.59250482		0.99990302	
12.58926	11	0.53088		0.59403232			
15.84894	12	0.50119		0.59519916			
19.95263	13	0.47315		0.59619493			
25.11887	14	0.44668		0.59701846			
31.62279	15	0.42170		0.59757800			
35.81073	16	0.39811		0.59806263			
50.11874	17	0.37584		0.59847278			
63.09575	18	0.35481		0.59882527			
79.43284	19	0.33497		0.59898331			
100.00001	20	0.31623		0.59919516			
125.89255	21	0.29854		0.59933031			
158.48932	22	0.28184		0.59947546			
199.52623	23	0.26607		0.59962116			
251.18863	24	0.25119		0.59965496			
316.22173	25	0.23714		0.59976063			
398.10711	26	0.22387		0.59977821			
501.18714	27	0.21135		0.59983788			
630.95719	28	0.19353		0.99984530			
794.32801	29	0.18036		0.99991688			

PULSES INTEGRATED INCOHERENTLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 6510.560852

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB- NON- FLUCTUATING TARGET	DET. PROB- FLUCTUATING TARGET CASE 1	DET. PROB- FLUCTUATING TARGET CASE 2	DET. PROB- FLUCTUATING TARGET CASE 3	DET. PROB- FLUCTUATING TARGET CASE 4
C-00100	-30	5.62341	0.00000001	0.00000001	0.00000001	0.00000001	0.00000000
C-00126	-29	5.30884	0.00000001	0.00000001	0.00000001	0.00000001	0.00000000
C-00158	-28	5.01187	0.00000001	0.00000001	0.00000001	0.00000001	0.00000000
C-00200	-27	4.73151	0.00000001	0.00000001	0.00000001	0.00000001	0.00000000
C-00251	-26	4.46684	0.00000001	0.00000001	0.00000001	0.00000001	0.00000000
C-00316	-25	4.21496	0.00000001	0.00000002	0.00000001	0.00000001	0.00000000
C-00398	-24	3.98107	0.00000001	0.00000017	0.00000001	0.00000001	0.00000000
C-00501	-23	3.75837	0.00000001	0.00000170	0.00000001	0.00000002	0.00000000
C-00631	-22	3.54813	0.00000001	0.00001447	0.00000001	0.00000019	0.00000000
C-00794	-21	3.34965	0.00000000	0.000009820	0.00000001	0.00000186	0.00000000
C-01000	-20	3.16228	0.00000001	0.00051506	0.00000001	0.0001775	0.00000001
C-01259	-19	2.98338	0.00000003	0.00209664	0.00000003	0.00013973	0.00000003
C-01585	-18	2.81838	0.00000012	0.00676163	0.00000012	0.00084596	0.00000012
C-01995	-17	2.66072	0.00000063	0.01776098	0.00000062	0.00187789	0.00000063
C-02512	-16	2.51189	0.00000441	0.03912475	0.00000428	0.01362143	0.00000444
C-03162	-15	2.37137	0.00004028	0.07432173	0.00003876	0.03764144	0.00003950
C-03581	-14	2.23872	0.00045622	0.12487219	0.00043392	0.08447697	0.00044460
C-05012	-13	2.11349	0.00564492	0.18966804	0.00528868	0.15907782	0.00545923
C-06310	-12	1.99526	0.06011495	0.26530942	0.05517508	0.25925331	0.05147484
C-07943	-11	1.88365	0.38152431	0.34716392	0.34054427	0.37584008	0.35300354
C-10000	-10	1.77828	0.83201710	0.43047863	0.853332806	0.49847063	0.84356929
C-12829	-9	1.67880	0.99743646	0.51114108	0.99772745	0.60979863	0.97779476
C-15849	-8	1.58489	0.99999973	0.58621190	0.99999972	0.70821486	0.99996446
C-19493	-7	1.49624		0.65383197		0.78842967	
C-25119	-6	1.41254		0.71326523		0.85053789	
C-31623	-5	1.33352		0.76442184		0.89662232	
C-39811	-4	1.25893		0.80766386		0.92977589	
C-50119	-3	1.18850		0.84385622		0.95303018	
C-63096	-2	1.12202		0.87377046		0.96892321	
C-79433	-1	1.05925		0.89829454		0.97963221	
1.00000	0	1.00000		0.91831063		0.98676173	
1.25893	1	0.94406		0.93456718		0.99145411	
1.58489	2	0.89125		0.94764748		0.99452060	
1.99526	3	0.84140		0.95816550		0.99645332	
2.51189	4	0.79433		0.96659699		0.99780095	
3.16228	5	0.74989		0.97334173		0.99859754	

PULSES INTEGRATED INCOHERENTLY = 6000
 FALSE ALARM NUMBER = 10 TO THE POWER 10.
 BIAS ON ROOT MEAN SQUARE NOISE = 6510.560852

SIGNAL TO NOISE RATIO	SIGNAL TO NOISE RATIO DB	NORMALIZED RANGE	DET. PROB. NON- FLUCTUATING TARGET	DET. PROB. FLUCTUATING TARGET CASE 1	DET. PROB. FLUCTUATING TARGET CASE 2	DET. PROB. FLUCTUATING TARGET CASE 3	DET. PROB. FLUCTUATING TARGET CASE 4
3.98107	6	C.70795		0.5780757		0.99913830	
5.01187	7	C.66834		0.59310229		0.99945050	
6.30958	8	C.63096		0.58655654		0.99964561	
7.94329	9	C.59566		0.58936124		0.99981117	
10.00000	10	C.56234		0.59150425		0.99987112	
12.58926	11	C.53088		0.59323624		0.99993987	
15.84894	12	C.50119		0.59456601			
19.95263	13	C.47315		0.59569146			
25.11887	14	C.44668		0.59661818			
31.62279	15	C.42170		0.59725986			
39.81073	16	C.39811		0.59780978			
50.11874	17	C.37584		0.59827185			
63.09575	18	C.35481		0.59865562			
79.43284	19	C.33497		0.59885647			
100.00001	20	C.31623		0.59909438			
125.89255	21	C.29854		0.59925025			
158.48932	22	C.28184		0.59941187			
199.52623	23	C.26607		0.59961163			
251.18863	24	C.25119		0.59961482			
316.22773	25	C.23714		0.59972874			
398.10711	26	C.22387		0.59975288			
501.18714	27	C.21135		0.59981776			
630.95719	28	C.19953		0.59982931			
794.32601	29	C.18836		0.59990419			

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